

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS

FRANK F. MERRIAM, Governor  
EARL LEE KELLY, Director of Public Works

DIVISION OF WATER RESOURCES

BULLETIN No. 21-G

REPORT  
ON  
IRRIGATION DISTRICTS  
IN  
CALIFORNIA

For the Year 1935



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DEPARTMENT OF PUBLIC WORKS

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FRANK F. MERRIAM, Governor

EARL LEE KELLY, Director of Public Works

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## ORGANIZATION

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FRANK F. MERRIAM - - - - - Governor of California  
EARL LEE KELLY - - - - - Director of Public Works  
EDWARD HYATT - - - - - State Engineer

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Previous bulletins of this series and initial work  
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## FOREWORD

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Following the publication of Bulletin No. 21, entitled "Irrigation Districts in California", 1929, a series of annual reports have been issued by the Division of Water Resources for the purpose of bringing up to date, at the close of each year, the historical and statistical information compiled on these active organizations. The present Bulletin, No. 21-G is the eighth publication of this series and presents the data collected for the year 1935. Material for the bulletin has been obtained largely from annual reports of the individual irrigation districts and from the department files. Figures have been carefully checked and analyzed and are believed to be substantially correct, although there may be inaccuracies in certain cases. An expression of appreciation is extended by this office to the irrigation district officials and to others who assisted in gathering the information.



DIRECTORY OF CALIFORNIA IRRIGATION DISTRICTS  
JANUARY 1, 1936

Name of District	County	Estimated Population			District Officials			Office Address
		Inside Cities and Towns	Outside Cities and Towns	Total	President	Secretary	Manager or Engineer	
Alpaugh -----	Tulare -----	-----	300	300	H. E. Sawyer	Mary B. B. Vallance	Paul Caldwell	Box 67, Alpaugh
Alta -----	Tulare, Fresno, Kings -----	7,000	11,000	18,000	Walter Billingslea	E. Sibley	E. Sibley	298 North L Street, Dinuba
Anderson-Cottonwood -----	Shasta, Tehama -----	1,200	800	2,000	W. W. Trent	Carl F. Eaton	Clyde Smith	Anderson
Banta-Carbena -----	San Joaquin -----	-----	600	600	F. D. Reyner	Elvera Draper	J. B. Knight	Drawer L, Tracy
Bard (part of Yuma U.S. Project) -----	Imperial -----	-----	1,200	1,200	S. M. Colby	David M. Dow	-----	R.F.D. #2, Yuma, Arizona
Baxter Creek -----	Lassen -----	-----	166	166	Alfred Luond	Harry S. Riddell	Harry S. Riddell	810 Lassen Street, Susanville
Beaumont -----	Riverside -----	2,100	500	2,600	Philip Truby	E. D. Stahl	U. S. Murphy	137 5th Street, Beaumont
Big Springs -----	Siskiyou -----	-----	200	200	Lloyd Fleisch	Roy E. Swigart	-----	Post Office Box 271, Montague
Big Valley -----	Lassen and Modoc -----	-----	76	76	H. C. Jack	A. W. McKenzie	-----	Bieber
Browns Valley -----	Yuba -----	-----	1,000	1,000	B. J. Cutler	Ray C. Burris	L. B. Gurney	Browns Valley
Butte Valley -----	Siskiyou -----	350	100	450	H. L. Nelson	M. A. Gilmer	M. A. Gilmer	Macdoel
Byron-Bethany -----	Contra Costa, S.J., Alameda -----	300	300	600	Geo. K. Anderson	G. A. Howard	V. L. Woolley	Byron
Camp Far West -----	Placer, Yuba -----	-----	125	125	R. H. Durst	Robert Anderson	M. C. Polk	Wheatland
Carmichael -----	Sacramento -----	-----	1,000	1,000	E. M. Lynch	Roy W. Sullivan	L. Williamson	Rt. 5, Box 1427, Sacramento
Carpenter -----	Orange -----	900	150	1,050	L. W. Evans	D. S. Smiley	Porter A. Price	Rt. 1, Box 388, Orange
Citrus Heights -----	Sacramento, Placer -----	-----	980	980	J. A. Gray	Floyd J. Locher	R. A. Porch	Rt. 1, Box 161, Roseville
Compton-Delevan -----	Colusa -----	-----	24	24	W. C. Baber	C. E. Ryan	C. E. Ryan	405 Montgomery Street, San Francisco
Consolidated -----	Fresno, Tulare, Kings -----	9,500	18,000	27,500	L. C. Darling	A. R. Stedman	I. H. Tellman	Selma
Corcoran -----	Kings -----	-----	1,500	1,500	J. M. Hansen	D. I. Brown	H. H. Holley	Corcoran
Cordua -----	Yuba -----	-----	55	55	C. E. Kibbe	Jeannette Frank	-----	Memorial Auditorium, Marysville
Deer Creek -----	Tehama -----	-----	50	50	Charles Dicus	Mabel Hall	-----	Suite 1, 304 Broadway, Chico
East Contra Costa -----	Contra Costa -----	400	800	1,200	Arthur H. Honegger	Margaret Wallace	G. H. Jones	Brentwood
El Camino -----	Tehama -----	-----	604	604	C. Grootveld	Roy Pyle	Roy Pyle	Gerber
El Dorado -----	El Dorado -----	2,500	1,200	3,700	W. A. Rantz	F. N. Hosking	F. N. Hosking	Box 398, Placerville
El Nido -----	Merced -----	-----	300	300	Geo. T. McFarland	A. L. Cowell	G. E. Winton	El Nido
Empire West Side -----	Kings -----	-----	42	42	J. R. Newton	E. B. Hoey	-----	P.O. Box 133, Stratford
Fairoaks -----	Sacramento -----	500	1,000	1,500	E. C. Phoenix	Guy L. Camden	E. E. Fulton	Fairoaks
Fallbrook -----	San Diego -----	-----	1,342	1,342	Raymond Wayman	Agnes K. Walker	-----	Fallbrook
Fresno -----	Fresno -----	-----	50,000	50,000	A. B. Tarpey	Mrs. Jewel War	Geo. L. Swendsen	1001-9 Griffith-MacKenzie Bldg., Fresno
Glenn-Colusa -----	Glenn, Colusa -----	-----	1,750	1,750	S. S. Havenor	H. R. Allard	R. S. Edwards	Willows
Grenada -----	Siskiyou -----	100	130	230	C. J. Strong	James M. Allen	G. Inabnit	Grenada
Hollister -----	San Benito -----	3,500	5,000	8,500	R. C. MacLachlan	Thomas O'Donnell	-----	Hollister
Hot Spring Valley -----	Modoc -----	-----	250	250	S. B. Kelley	A. K. Wylie	S. B. Kelley	Alturas
Imperial -----	Imperial -----	30,427	30,476	60,903	Evan T. Hewes	W. W. Goodson	M. J. Dowd	El Centro
Island No. 3 -----	Kings -----	-----	300	300	J. B. Roberts	Mrs. Nellie Kaiser	-----	Kingsburg
Jacinto -----	Glenn -----	-----	325	325	W. W. Koehler	Roscoe Caldwell	Roscoe Caldwell	Glenn
James -----	Fresno -----	-----	175	175	Peter Rusconi	N. D. Ingham	N. D. Ingham	San Joaquin
La Canada -----	Los Angeles -----	1,000	-----	1,000	Dan W. Green	F. E. Slutman	W. N. Carpenter	4711 Castle Road, La Canada
Laguna -----	Fresno, Kings -----	-----	3,000	3,000	J. T. Esrey	Bessie L. Scott	A. J. Nielsen	Rt. 1, Box 197, Laton
Lakeland -----	Kings -----	-----	15	15	H. F. Libby	H. S. Harlbut	H. F. Libby	Box 907, Corcoran
Lakeside -----	San Diego -----	200	-----	200	B. J. Conrad	H. P. Schiller	H. P. Schiller	Lakeside
La Mesa, Lemon Grove and Sp.Val. -----	San Diego -----	4,000	4,000	8,000	F. R. Beatty	Ruth C. Drew	C. Harritt	4769 Spring Street, La Mesa
Lemoore -----	Kings -----	-----	1,500	1,500	W. S. Winger	-----	-----	Lemoore
Linden -----	San Joaquin -----	150	500	650	Ralph G. Houston	A. L. Cowell	Frank Davis	911 California Building, Stockton
Lindsay-Strathmore -----	Tulare -----	40	1,500	1,540	Ernest L. Daniels	H. R. Huebert	Geo. W. Trauger	P.O. Box 625, Lindsay
Littlerock Creek -----	Los Angeles -----	-----	200	200	Vernon A. Carr	R. S. Primer	-----	Littlerock
Lucerne -----	Kings -----	-----	1,200	1,200	W. L. Haag	S. E. Railsback	-----	Hanford
Madera -----	Madera -----	6,000	7,000	13,000	T. S. Coffee	Harry Barnes	Harry Barnes	120 So. D Street, Madera
Maxwell -----	Colusa -----	-----	12	12	Joe Garibaldi	Thos. J. Hately	-----	1714 10th Street, Sacramento
Merced -----	Merced -----	10,000	10,000	20,000	D. K. Barnell	H. P. Sargent	L. W. Hesse	P.O. Box 759, Merced
Modesto -----	Stanislaus -----	17,500	6,500	24,000	J. S. West	C. S. Abbott	N. M. Cecil	823 11th Street, Modesto



DIRECTORY OF CALIFORNIA IRRIGATION DISTRICTS (Continued)  
JANUARY 1, 1936

Name of District	County	Estimated Population			District Officials			Office Address
		Inside Cities and Towns	Outside Cities and Towns	Total	President	Secretary	Manager or Engineer	
Mojave River	San Bernardino	-----	100	100	T. J. Thomas	J. S. Nation	W. E. Fussing	518 E. 10th Street, Upland
Montague	Siskiyou	400	150	550	G. W. Dwinnell	Roy E. Swigart	-----	Montague, Box 272
Naglee-Burk	San Joaquin	-----	150	150	V. J. Reeve	George Wadsworth	-----	Roberts Building, Tracy
Nevada	Nevada, Placer	-----	5,000	5,000	Thos. Mulcahy	Mrs. B. W. Baldwin	Wm. Durbrow	144 S. Auburn St., Grass Valley
Newport Heights	Orange	1,700	-----	1,700	Geo. A. Waterman	L. R. Daughanbaugh	-----	1856 Newport Boulevard, Costa Mesa
Newport Mesa	Orange	350	-----	350	Chas. W. TeWinkle	D. J. Dodge	-----	Box 350, Costa Mesa
Oakdale	Stanislaus, San Joaquin	2,500	4,900	7,400	H. B. McMath	H. M. Tennant	R. E. Hartley	Oakdale
Oroville-Wyandotte	Butte	400	450	850	Carleton Gray	W. J. Monro	R. C. Tyler	Oroville
Owens Valley	Inyo	1,500	1,000	2,500	B. E. Johnson	Dell Randall	-----	Bishop
Palmdale	Los Angeles	660	140	800	E. P. Moulton	H. P. Schoeller	H. P. Schoeller	Palmdale
Palo Verde	Riverside	1,500	3,000	4,500	L. A. Hauser	R. H. Ehlers	C. P. Mahoney	Box 38, Blythe
Paradise	Butte	200	2,800	3,000	L. P. Fisher	J. B. Thompson	J. B. Thompson	Paradise
Potter Valley	Mendocino	-----	450	450	J. E. Marsh	Fred L. Bosworth	-----	Potter Valley
Princeton-Codora-Glenn	Colusa, Glenn	250	750	1,000	N. H. McAuslan	W. G. Poage	R. L. Burke	Princeton
Provident	Glenn, Colusa	-----	150	150	Chas. Clark	L. M. Benoit	T. E. Balch	Willows
Ramona	San Diego	900	-----	900	Clara K. Graham	Ruby Bargar	J. C. Bargar	Ramona
Red Rock Creek	Lassen	-----	100	222	John K. Eneboe	Alvin L. Harry	Alvin L. Harry	Susanville
Richvale	Butte	122	2,500	2,500	J. E. Baker	Tina Z. Cushman	-----	Richvale
Riverdale	Fresno	-----	-----	-----	L. P. Adams	Caroline Arcularius	-----	Riverdale
Round Valley	Inyo, Mono	-----	-----	-----	W. A. Roberts	-----	-----	Bishop
San Dieguito	San Diego	800	1,600	2,400	L. P. McChesney	F. H. Tolle	F. H. Tolle	Box 207, Encinitas
Santa Fe	San Diego	560	240	800	Ira E. Conner	W. O. Boettiger	W. O. Boettiger	Rancho Santa Fe
San Ysidro	San Diego	1,500	-----	1,500	L. McKelvey	L. Judd	-----	San Ysidro
Scott Valley	Siskiyou	-----	300	300	C. F. Bryan	W. D. Mathews	-----	Fort Jones
Serrano	Orange	-----	700	700	Willard Smith	F. H. Collins	-----	R.F.D. 1, Box 860, Orange
South Fork	Modoc	-----	60	60	D. E. Van Loan	C. S. Baldwin	S. A. Mushen	Alturas
South Montebello	Los Angeles	950	-----	950	Al C. Cook	Mabel E. Kennedy	W. S. Duncan	Rt. 1, Box 1110, Montebello
South San Joaquin	San Joaquin	4,000	10,000	14,000	H. E. Wolf	S. L. Steele	George K. Parker	Manteca
Stinson	Fresno	50	75	125	Wm. H. Noble	J. F. Davis	W. F. Bryant	Burrell, Fresno County
Stratford	Kings	-----	-----	-----	D. C. Jones	C. B. Fain	-----	Stratford
Table Mountain	Butte	-----	7	7	Ralph Christenson	Kathryne Breese	C. C. Breese	Oroville
Terra Bella	Tulare	200	300	500	John A. Rowe	E. H. Robinson	I. H. Althouse	P.O. Box 125, Terra Bella
Thermalito	Butte	-----	1,200	1,200	M. Hodgson	Hubert I. Townshend	W. B. Taylor	Oroville
Tracy-Clover	San Joaquin	-----	150	150	Frank Mehrling	George Wadsworth	-----	Roberts Building, Tracy
Tranquillity	Fresno	175	175	350	F. E. Miller	Iva Johnson	-----	Tranquillity
Tulare	Tulare	6,000	3,000	9,000	E. A. Hesselstine	Glenn L. Moran	C. H. Slaughter	P.O. Box 477, Tulare
Tule	Lassen	-----	150	150	F. C. Farwell	Ray Fraley	Harry S. Riddell	Susanville
Turlock	Stanislaus and Merced	7,000	18,000	25,000	D. C. Thornburg	Mrs. Anna Sorensen	R. V. Meikle	117 W. Main Street, Turlock
Vandalia	Tulare	-----	150	150	Walter D. Emory	H. C. Pegram	I. H. Althouse	Box 1026, Porterville
Vista	San Diego	675	2,443	3,118	J. W. Rose	W. C. Bissinger	Chas. N. Bell	Vista
Walnut	Los Angeles	-----	300	300	F. C. Collins	E. D. Crouch	-----	Rivera
Waterford	Stanislaus	300	900	1,200	E. Whitney	C. W. Quinley	W. Lehmkuhl	Waterford
West Side	San Joaquin	450	1,067	1,517	B. B. Banta	Wylsey R. Hansen	-----	Roberts Building, Tracy
West Stanislaus	Stanislaus, Merced	50	300	350	W. W. Cox	Elbridge Smith	W. F. Woolley	Westley
Woodbridge	San Joaquin	-----	200	200	E. J. Shinn	Olla L. Strother	Elton J. Strother	Rt. 2, Box 67, Lodi
Totals, irrigation districts	-----	130,859	229,804	360,663	-----	-----	-----	-----
DIRECTORY CALIFORNIA WATER STORAGE DISTRICTS								
Buena Vista Water Storage	Kern	150	1,450	1,600	J. LeRoy Nickel, Jr.	J. E. Woolley	M. N. Krag	Buttonwillow
Tulare Lake Basin Water Storage	Kings	-----	25	25	Harry Lee Martin	Dan Hadsell	Roy May	Hanford
North Kern Water Storage	Kern	-----	-----	-----	Hugh S. Allen	G. L. Henderson	-----	Bakersfield



## CHAPTER I

### INTRODUCTION

#### The 1935 Irrigation Season

The year 1935 was very favorable for the growing and harvesting of most California crops. The total precipitation was 94 per cent, and the total snowfall 128 per cent of the 39-year average. Water for irrigation was ample, and soil moisture conditions were generally sufficient for those areas producing dryland crops. On the whole the generous rainfall was well distributed, resulting in an abundance of range and pasture feed over the entire state. Spring and early summer temperatures were colder than usual, and vegetation received a late start. Vegetable crops matured two or three weeks later than during the preceding year. Late spring frosts of considerable consequence occurred in some localities at a time when trees were in blossom. No excessive periods of high temperature occurred during the summer, and conditions were generally favorable for crop development.

#### Farm Operations

A continued marked improvement over previous years was indicated by review of the California cooperative crop reports for 1935. In the fruit and nut industries, for the State as a whole, both the tonnage produced and the returns received were greater than for 1934. Production increased 7%, and while the average price per ton obtained was somewhat less than 1934, it was greater than any other previous year since 1929.



The year was very favorable also for the growing, maturing and harvesting of field crops, which showed a gain of 9.5% in acres harvested; 17% in tons produced; and 1.4% in farm values. The average value per ton was somewhat less in 1935 than was estimated for 1934, but was greater than that received in 1933.

The acreage of truck crops increased 6.8% over the previous year. Yields were generally lighter than 1934 due to prevailing cool weather conditions. Prices started off well but slumped during the summer and fall months. Average prices for most crops were slightly higher than for 1934, but profit was largely offset by lower production per acre.

The live stock industry showed very definite signs of recovery. Numbers and values of all important species in the state increased during 1935. The aggregate farm value of the state's livestock increased 46% during the year. In the last three years the aggregate inventory value increased 92%, a minor part of which was due to increased numbers. The value of production of meat animals and wool was 43% more than the corresponding value for 1934. In general, California beef producers in 1935 had the most profitable season in the last five years and marketings were very large.

#### New Legislation

A large number of bills affecting financing, development and operation of irrigation and water districts were introduced at the 1935 session of the Legislature. These consisted principally of amendments to existing acts under which the districts were organized. A compilation of six of the more important acts together with general provisions of



the constitution and statutes was assembled by the Division of Water Resources and published by the Supervisor of Documents as Bulletin No. 18-B, California Irrigation District Laws, 1935 Revision.

#### Irrigation Districts Association

Two regular meetings of the Irrigation Districts Association were held during the year. The Spring session met in Sacramento, March 7 and 8, while the Fall gathering convened at San Diego, October 25 and 26, 1935.

The meeting in Sacramento was largely devoted to a consideration of the various legislative bills affecting irrigation districts. Each measure was taken up separately for discussion and was either approved, disapproved, or appropriate amendments suggested.

Amendments to the constitution and bylaws of the Association were passed to permit county water districts to become members of the Association and to form their own sections within that organization. Representatives of twelve county water districts, who were in attendance at the meeting, thereupon formed such a section and elected their own officers. There are thirty or more of these organizations now operating in the state.

At the San Diego meeting considerable emphasis was placed on the progress of refinancing programs that were being carried out by many of the districts through loans from the Reconstruction Finance Corporation. The restoration of defaulting districts to a sound financial basis was considered the most important problem before the Association.

Mr. Clifton H. Scott, president of the Drainage, Levee and Irrigation Division of the Reconstruction Finance Corporation, delivered an interesting address at the meeting, detailing accomplishments that had thus far been made and outlining future benefits that would accrue to the districts.



## CHAPTER II

### FINANCIAL REVIEW

#### Refinancing Progress

At the close of the year 1935 there were forty-five irrigation districts listed in default which was one less than the number given for the preceding year. Six districts completed refinancing programs in this period while five others failed to meet their obligations when due. Many of the districts listed were only in technical default, however, pending completion of refunding plans that had already been approved and substantially carried out. Loans had been authorized by the Reconstruction Finance Corporation to twenty-nine of the districts in default. In eleven of these districts funds were being disbursed to bondholders in accordance with the terms of the plans approved. In ten other districts a large percentage of the old securities had been deposited in acceptance of the refinancing plans, but the required percentage for disbursement of funds had not been reached. Sixteen districts had filed petitions in bankruptcy in the Federal courts to compel acceptance by dissenting bondholders of refinancing plans which had been approved by a two-thirds majority of the bondholders affected.

Such was the status of refinancing plans at the close of 1935, but early in the following year the program was given a temporary setback by a five to four decision of the Supreme Court declaring Section 80 of the Federal Municipal Bankruptcy Act unconstitutional. Procedure in those districts which were refinancing under the act was brought to a standstill until such time as new legislation could be enacted, as there was no means of compelling dissenting bondholders to accept adopted terms.

## Districts Securities Commission

The continued activity of districts in working out their refinancing programs was evidenced by the large number of petitions presented to the California Districts Securities Commission for action during the year 1935.

Plans for refunding outstanding indebtedness through loans from the Reconstruction Finance Corporation were examined and approved for Beaumont, Byron Bethany, El Dorado, Jacinto, Merced, Newport Heights, Paradise, Santa Fe, Thermalito and Tracy Clover. In addition to these, authorization was given to East Contra Costa and Scott Valley to exchange refunding bonds for old securities at par.

Orders validating refunding bonds for certification by the State Controller were issued to the following districts during the year:

<u>District</u>	<u>Outstanding Debt</u>	<u>Refunding Bonds</u>
East Contra Costa	\$1,153,000	\$1,153,000
El Dorado	712,438	360,500
Merced	16,701,018	8,600,000
Newport Heights	160,000	101,000
Palmdale	445,000	222,500
Santa Fe	748,642	394,500
San Dieguito	382,427	202,500
Vista	1,700,000	937,500

Approval was also given to certification of original bond issues in those cases where loans were required from P.W.A. for construction of works.

<u>District</u>	<u>Purpose of Issue</u>	<u>Amounts of Bonds</u>
Modesto	Canals, Power line	\$177,000
South Fork	Construction of Dam	133,000
West Stanislaus	Concrete lining canals	121,000



At the end of the year there were nineteen districts operating under control and direction of the Districts Securities Commission in the matter of levying assessments and making expenditure of funds. This procedure is made possible by Section 11 of the Districts Securities Commission Act, on application of districts that are more than 20% in default in payment of debt.

Following is a list of districts that levied assessments for 1935-36 under the provisions of Section 11, and the dates on which these districts first notified the Commission of their intention to operate under its supervision.

<u>District</u>	<u>Date</u>
Banta Carbona - - -	July 30, 1934
Big Springs - -	September 8, 1933
Byron-Bethany - -	November 13, 1935
Carmichael - - -	August 14, 1933
Citrus Heights - -	August 9, 1933
Corcoran - - -	August 9, 1933
Fairoaks - - -	August 7, 1934
Grenada - - -	August 24, 1935
Lindsay-Strathmore - -	July 7, 1933
Merced - - -	August 22, 1933
Montague - - -	September 12, 1933
Naglee-Burk - - -	August 3, 1934
Oakdale - - -	July 18, 1934
Oroville-Wyandotte -	August 7, 1933
San Dieguito - - -	August 15, 1933
Thermalito - - -	August 24, 1933
Tracy Clover - - -	August 10, 1933
Waterford - - -	May 13, 1933
West Side - - -	August 2, 1933

Four districts formerly operating under the Section completed their refunding plans during this period. Alpaugh, Jacinto, Santa Fe, Lamesa, Lemon Grove, and Spring Valley through removal of default were released from direction by the Commission, while two new districts, Byron Bethany and Granada, came under its control.

### District Finances

A general survey of irrigation district financial matters as of January 1, 1936, indicated that the total amount of bond principal and interest in default was \$12,685,101. Outstanding registered warrants as of that date were \$1,293,631. Revenues collected by the districts from assessments, water tolls and all other sources during the year gave a total of \$10,418,552, while cash expenditures made by these organizations during that same period amounted to \$10,758,738.



## CHAPTER III

### DISTRICT ORGANIZATIONS

#### Irrigation Districts

During the year 1935 there were no irrigation districts formed in California and none were dissolved. Of the 96 districts listed as maintaining some form of organization eight may be classed as inactive since the purpose for which they were formed had not been carried out. In those districts no irrigation works had been constructed or acquired and water was not being furnished to the land through district operations. Reports from 87 active districts were received giving information on operations for the year 1935 and the data which they contain will be found in tabular form on subsequent pages of this bulletin.

#### Water Storage Districts

One new water storage district was organized in 1935 bringing the number of active districts to three. Since passage of the California Water Storage District Act in 1921, six districts of this type have been formed, but three were later dissolved. The organization differs from that under the Irrigation District Act principally in the method of voting and assessment, and in having its procedure entirely before the State Engineer instead of partly before the County Board of Supervisors. Voting is on a property qualification basis with one vote for each \$100 of assessed land value. Assessments are based on benefits derived.

#### Present Active Districts

1. Buena Vista Water Storage District, organized July 28, 1924.
2. Tulare Lake Basin Water Storage District, organized Dec. 6, 1927.
3. North Kern Water Storage District, organized Oct. 8, 1935.

## NORTH KERN WATER STORAGE DISTRICT

Location: Southern San Joaquin Valley, extending for about 18 miles along the main highway between McFarland and Bakersfield, in Kern County.

Date of Organization election: October 8, 1935.

Gross Area: 58,673 acres.

Post Office: Bakersfield.

Railroad Transportation: Santa Fe and Southern Pacific.

### History:

The first irrigation in this area occurred about 1860 when several small private ditches diverting from Kern River were constructed to irrigate grain. Larger canals were built as settlement extended. Increased diversions soon caused controversies between upper and lower users and this led to extended litigation. The upper users representing mainly appropriative rights were led by Haggin and Carr, predecessors of the present Kern County Land Company, and lower claimants were represented by the predecessors of Miller and Lux Incorporated. This suit resulted in the famous decision of Lux versus Haggin in which riparian rights in California were defined. An agreement made between opposing interests in 1888 continues to be the basis under which the flow of Kern River is divided. This contract, known as the Miller-Haggin agreement, includes practically all of the water rights on that portion of Kern River within the San Joaquin Valley.

### Formation of Districts

In 1919 an attempt was made to organize an irrigation district in the Kern River area but the effort failed. At the request of local interests a detailed investigation was then made under direction of the



State Engineer. The report that was published in 1920 indicated water resources were available to serve about 292,000 acres. Based largely on the information in this report, two water storage districts were organized. The Kern River Water Storage District, formed in 1923, took in 248,000 acres both north and south of the river that were served by the upper canals. Buena Vista Water Storage District containing 78,000 acres was organized in 1928. It included Buena Vista Lake and the Miller and Lux land receiving Kern River water from the so-called "second point of measurement." Bonds were issued for construction of works and this district has continued in operation to date.

Plans of the Kern River Water Storage District contemplated purchase of canal rights and construction of a dam on Kern River. The various interests affected failed, however, to reach a satisfactory agreement and the district was dissolved.

Interest in the organization of new districts in the southern San Joaquin Valley was revived about 1935 by prospects of securing imported water from Central Valley Project. One of the first units to form was the new North Kern Water Storage District embracing a portion of the area formerly included in the old district on the north side of Kern River.

#### Present Development

A large portion of the land in the new district has been prepared for irrigation and has at times received water through the Calloway and Lerdo Canals. In most recent years the supply from Kern River has been insufficient for annual crops and has been inadequate to justify permanent plantings of such crops as require irrigation throughout the season. At present there are 4900 acres irrigated from wells. Alfalfa and grapes are the principal plantings while cotton predominates the annuals. Vegetables,

deciduous and citrus fruits are produced in limited quantity. Ownership of the land is mostly in one large holding of 50,000 acres controlled by the Kern County Land Company.

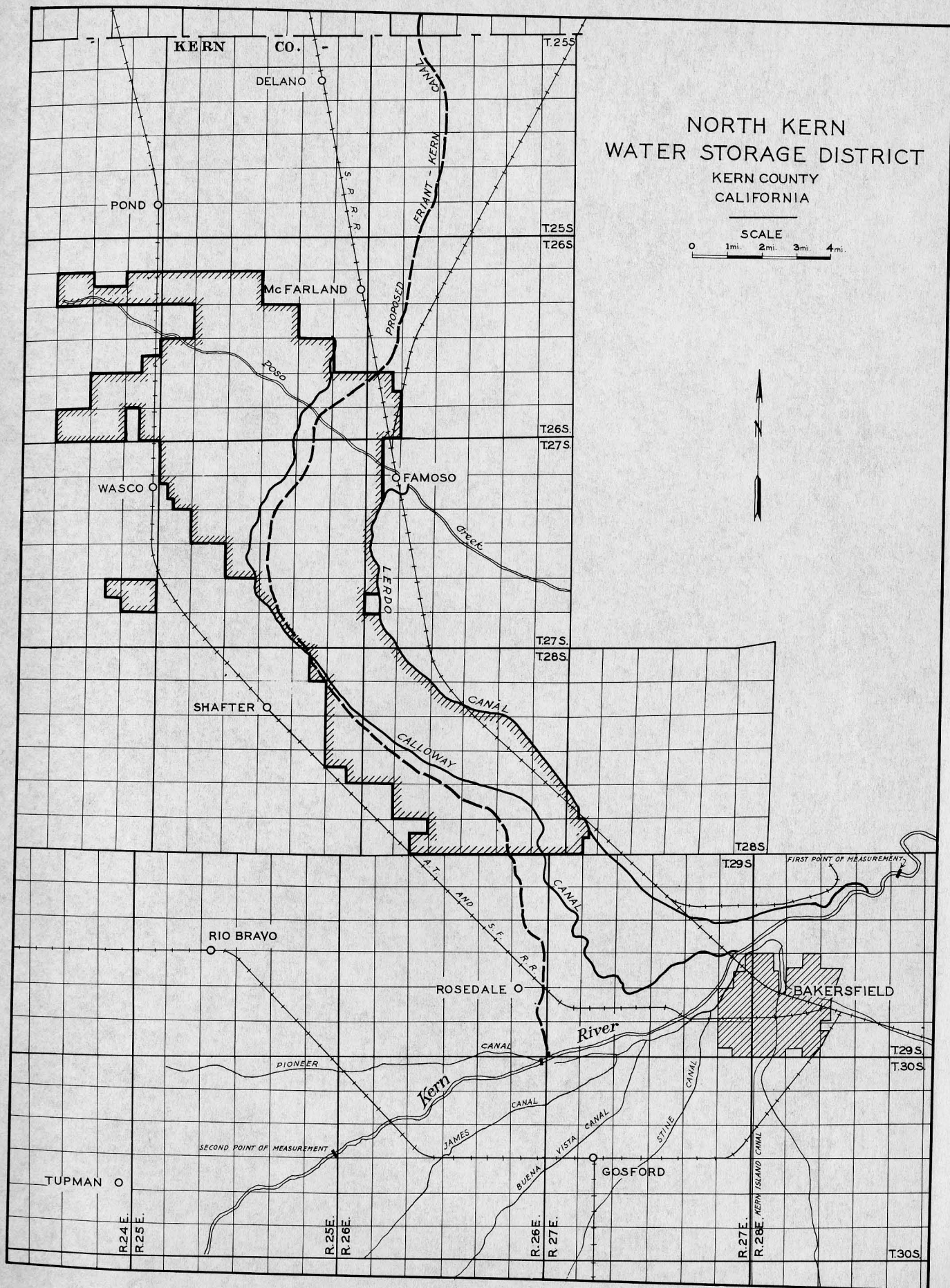
### Soils and Topography

Soils of the district are classified as sands and sandy loams. Delano sandy loams and Madera sandy loams occur over the greater part of the area with lesser portions of the Hanford and Mojave series. The soil is of good depth and as indicated by growing crops is free from an injurious content of alkali. The surface of the land is comparatively smooth, of gentle slope and easily prepared for irrigation.

### Water Supply

About 53,000 acres within the district boundaries are entitled to service from the Calloway and Lerdo canals when water is available from these sources. The discharge of Kern River is subject to such wide variations that without construction of storage a dependable supply is available for only a portion of the land. A tentative plan has been advanced by the district under which the rights of existing canals would be purchased and the supply increased by building a dam to store flood waters on the upper river. Under this proposal about 31,000 acres would be served directly from the canals and the remainder of the district by pumping from underground waters maintained by seepage and spreading from the canals. Preliminary studies indicate that a considerable quantity of water will need to be brought into the district for full development. Alternate plans that are being worked out may show that it would be more economical and desirable to secure this supply from the Friant-Kern Canal, of the Central Valley Project.





## CHAPTER IV

### STATISTICAL INFORMATION

The tables following this chapter contain a summary of information regarding operations of California Irrigation Districts for the year 1935, and the status of all outstanding bond issues as of January 1, 1936. A brief outline of the contents of these tables with comments and comparisons with previous years is contained in the following discussion.

#### Source of Supply, Storage and Distribution of Water.

Table I sets forth the sources of water supply, capacities of reservoirs, water storage available for the season of 1935, the amount of water diverted by gravity and by district pumps, and the distribution of this water. There were 22 major storage reservoirs in use with a combined capacity of 1,783,700 acre-feet. The stored water available amounted to 854,400 acre-feet or slightly less than half the total capacity of the reservoirs. Diversions reported were 6,503,752 acre-feet by gravity, 514,007 acre-feet pumped from streams and 324,784 acre-feet pumped from district wells. The total was 7,342,543 acre-feet, an increase of 1,722,258 acre-feet over that reported in 1934. The districts operated 310 irrigation wells and 261 drainage wells and for all pumping operations reported an installation of 37,097 horsepower. To supplement the water supply furnished by the districts, landowners were reported as operating 12,260 private irrigation wells, for which no information is available as to the quantity of water diverted, but the amount so used was considerably less than for the previous year due to the large increase in the quantity of water available for direct diversion from streams.



### Irrigation District Crop Summary

Table II is a summary of the gross and irrigable areas of districts from which reports were obtained. It shows the irrigated and cropped acreage reported for 1935. The table also shows the number of individual holdings in each of the districts and the area held under tax deeds as of January 1, 1936. The 88 districts listed contain 3,262,320 acres of which 2,719,914 acres are considered irrigable. The total number of separate holdings is 93,697 of which it is estimated 56,394 are farm holdings with an estimated population of 229,800. The area held by districts under tax deed increased from 210,485 acres on January 1, 1935 to 327,937 acres on January 1, 1936. The percentage of the total area of all districts held under tax deed on January 1, 1936 was slightly in excess of 10%, whereas in the preceding year it had been only 6 $\frac{1}{2}$ %. The districts reporting gave a total of 1,975,095 acres cropped and of this area 1,804,803 acres were irrigated. Sixty-six per cent of the irrigable area was irrigated. This was an increase of 406,000 acres in the area irrigated as compared to that reported in 1934.

### Assessments, Water Tolls and Other Revenues

Table III indicates the source and amount of income for each active irrigation district. The total assessments due in these districts for the calendar year 1935, computed by taking half the sum of the levies for 1934-35 and 1935-36, gives a figure of \$5,108,384. This shows an increase of \$532,714 over the amount levied for the previous calendar year. This is a reversal of the tendency of the past several years which has been rather to lower assessments owing to the reduced income from farm operations. A comparison of the total assessments levied in the last six

years, and the apparent average delinquencies at date of tax sales is given in the following tabulation:

<u>Years</u>	<u>Assessments</u>	<u>Average Delinquency</u>
1930-31	\$10,286,582	23%
1931-32	9,794,594	38%
1932-33	6,802,006	50%
1933-34	4,535,253	35%
1934-35	4,638,011	31%
1935-36	5,578,758	---

The total amount of tax-certificates sold to the districts in 1935 amounted to \$1,443,583. Collections from assessments, water tolls and other sources during this period was reported as \$10,418,552, as shown in the last two columns of the table.

#### Bonds and Warrants

Table IV presents as far as practicable the status of irrigation district bonds outstanding on January 1, 1936. Owing to the fact that thirty of the districts were still in various stages of refinancing on that date, it has not been possible to indicate their true position in all cases. Some districts shown to be heavily in default are not fairly represented since their obligations remain unpaid pending completion of refunding plans through loans already granted by the Reconstruction Finance Corporation.

The table gives the amount of bonds sold, refunded, paid and outstanding, as well as the amount of bond principal and interest in default. The last column shows the amount of interest bearing warrants reported out-



standing on the first of the year. A new column has been added to show the amount of old bonds taken up and held by the Reconstruction Finance Corporation as security for loans advanced to several of the districts in the process of refinancing. The face values of old bonds are considered to be the outstanding obligations of these districts until such time as they have been actually cancelled and refunding bonds issued to replace them. Many of the districts have already voted refunding bonds and have had them approved for certification by the State Controller, but with few exceptions these refunding bonds have not been issued.

Following is a summary of bond information as represented by totals for all districts with outstanding issues on January 1, 1936.

Principal amount of bonds sold ----- \$103,533,221

Retired by payment ----- \$10,199,298

Retired by discount in refunding 1,991,743 12,191,041  
\$ 91,342,180

Refunding issues used to retire warrants  
and other debts ----- 147,668

Total amount outstanding---- \$ 91,489,848

Bonds outstanding (not due to date) ----- \$ 88,226,569

Bonds due and unpaid ----- 3,263,279

Total outstanding ----- \$ 91,489,848

Number of districts with outstanding bonds ----- 75

Number of districts in default----- 45

Year Formed, Area and Outstanding Bonds per Acre

In Table V are listed ninety-four irrigation districts. Seventy-five of these districts had outstanding bonds at the end of the year. As previously stated the face values of old issues were considered to be the outstanding obligations unless refunding bonds had actually been issued to replace them prior to January 1, 1936. The amount of outstanding bonds per acre was obtained in each case by dividing the total obligation by the gross and irrigable areas shown. The resulting figures, as applied to acres in the districts, are a general average only and are not necessarily a measure of the bond principal and interest payments required from any particular acre or parcel of land. Bond payments per acre actually vary with the assessed valuations, which in most districts are not the same for all of the included lands. The total area included in the ninety-four districts is 3,412,167 acres. Of this total 868,000 acres are included in nineteen districts which have no bonded indebtedness.



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TABLES OF STATISTICAL DATA

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TABLE I

DATA RELATING TO SOURCE OF SUPPLY, STORAGE AND DISTRIBUTION OF WATER FOR CALIFORNIA IRRIGATION DISTRICTS

Name of District	Source of Water Supply	Wells			District		Reservoirs		Acre-feet reported diverted by Districts, 1935			Distribution of Water Diverted by Districts				
		District			Pri- vate	In- stalled Horse power	Aver- age Pump Lift Feet	Capacity Acre-feet	Storage Available for Season Acre-feet	By Pump	By Gravity	Total	Inside District			Outside District Acre-feet
		Irri- gation	Drain- age	Total									Irri- gation Acre-feet	Domestic Acre-feet	Total Acre-feet	
Alpaugh -----	Wells -----	26		26		700	76			22,508		22,508	4,666		4,666	17,842
Alta -----	Kings River -----				2,094						198,338	198,338	198,338		198,338	
Anderson-Cottonwood -----	Sacramento River -----					15	12					No report furnished				
Banta-Carbona -----	San Joaquin River -----	6		6	1	4,350	113			34,912		34,912	19,383		19,383	3,828
Bard -----	Colorado River (part of Yuma project) -----										22,170	22,170	16,671		16,671	
Baxter Creek -----	Eagle Lake -----							200,000								
Beaumont -----	Creeks and Wells -----	10		10		420	184	4	3	2,285	110	2,395	2,121	274	2,395	
Big Springs -----	Big Springs -----					400	72			6,000		6,000	6,000		6,000	
Browns Valley -----	North Fork Yuba River -----										18,626	18,626	18,328	298	18,626	
Butte Valley -----	Butte and Antelope Creeks and Wells -----	5		5		125	35			2,000	600	2,600	2,600		2,600	
Byron-Bethany -----	Old River (San Joaquin River) -----		3	3		1,450	60			10,835		10,835	10,835		10,835	
Camp Far West -----	Bear River -----							5,000	5,000		5,000	5,000	5,000		5,000	
Carmichael -----	American River -----					450	170			2,872	60	2,932	2,872	60	2,932	
Carpenter -----	Santiago Creek and Wells -----	2		2	2	440	350	6,250	437	187	1,470	1,657	1,657		1,657	
Citrus Heights -----	American River, North Fork Ditch Company -----										4,440	4,440	4,440		4,440	
Compton-Delevan -----	Sacramento River (from Glenn-Colusa I.D.) -----												4,553		4,553	
Consolidated -----	Kings River -----				3,500						293,000	293,000	290,000		290,000	3,000
Corcoran -----	Kings River and Wells -----	9		9	215	295	77			9,204	42,519	51,723	16,914		16,914	4,400
Cordua -----	Yuba River -----										6,190	6,190	4,897		4,897	1,293
Deer Creek -----	Deer Creek -----										4,000	4,000	4,000		4,000	
East Contra Costa -----	Old River (San Joaquin River) -----		3	3	4	2,600	87				26,983	26,983	21,611		21,611	15
El Camino -----	Wells -----	30		30		880	65			3,611		3,611	3,611		3,611	
El Dorado -----	So.Fk. American River and Webber Creek -----				2			1,450	1,275		11,668	11,668	10,974	600	11,574	94
El Nido -----	Wells (and purchased) -----	5		5	70	120	43			2,235	9,587	11,822	3,258		3,258	
Empire West Side -----	Kings River and Wells -----				5						3,500	3,500	3,500		3,500	
Fairoaks -----	North Fork Ditch Company -----										6,880	6,880	6,580	300	6,880	
Fallbrook -----	San Luis Rey River and Wells -----				240											
Fresno -----	Kings River and Wells -----	7		7	2,400	210	40			5,000	409,629	414,629	408,629		408,629	1,000
Glenn-Colusa -----	Sacramento River -----					3,375	8			376,640	12,246	388,886	261,160		261,160	127,736
Grenada -----	Shasta River -----					650	97			5,255		5,255	5,255		5,255	
Hollister -----	San Benito River and Wells -----				250											
Hot Spring Valley -----	Pit River and Big Sage Reservoir -----							76,000								
Imperial -----	Colorado River -----										3,140,818	3,140,818	No report furnished			
Island No.3 -----	Kings River (and purchased) -----				175								2,394,334		2,394,334	746,484
Jacinto -----	Sacramento River -----					300	7			10,600	500	11,100	11,000		11,000	100
James -----	Kings, San Joaquin Rivers and Wells -----	54		54		1,000	42			16,454	7,650	24,104	18,745		18,745	981
La Canada -----	Canyons and Wells -----	2		2	1	390	800			184	92	276		276	276	
Laguna -----	Kings River -----				300						74,000	74,000	74,000		74,000	
Lakeland -----	Kings and Tule Rivers (and purchased) -----										5,289	5,289	4,784		4,784	505
Lakeside -----	Wells -----	1		1		40	140			60		60		25	25	35
La Mesa, L.G. & Spg.Val -----	San Diego River, Boulder Creek and Wells -----	4		4		525	240	17,680	2,920	3,113	2,338	5,451	3,786		3,786	208
Linden -----	Wells -----				200						2,100	2,100	1,400		1,400	
Lindsay-Strathmore -----	Wachumne River and Wells -----	39		39	120	1,885	285	20		10,985	3,322	14,307	14,130	177	14,307	
Little Rock Creek -----	Little Rock Creek -----				2			4,500	2,200		3,000	3,000	3,000		3,000	
Madera -----					1,700											
Maxwell -----	Sacramento River (from Glenn-Colusa I.D.) -----												6,200		6,200	



TABLE I

DATA RELATING TO SOURCE OF SUPPLY, STORAGE AND DISTRIBUTION OF WATER FOR CALIFORNIA IRRIGATION DISTRICTS (Continued)

Name of District	Source of Water Supply	Wells			District		Reservoirs		Acre-feet Reported Diverted by Districts, 1935			Distribution of Water Diverted by Districts				
		District			Pri- vate	In- stalled Horse power	Aver- age Pump Lift Feet	Capacity Acre-feet	Storage Available for Season Acre-feet	By Pump	By Gravity	Total	Inside District			Outside District Acre-feet
		Irri- gation	Drain- age	Total									Irri- gation Acre-feet	Domestic Acre-feet	Total Acre-feet	
Merced -----	Merced River and Wells -----		80	80	270	2,000	35	289,000	289,000	61,679	416,454	478,138	416,454		416,454	
Modesto -----	Tuolumne River and Wells -----		66	66	125	1,037	29	119,466	119,466	39,482	294,691	334,173	334,173		334,173	
Montague -----	Shasta River -----							70,000	7,500		4,000	4,000	4,000		4,000	
Naglee-Burk -----	Old River (San Joaquin River) -----					275	16			7,223		7,223	7,200		7,200	23
Nevada -----	Yuba River -----							100,000			140,000	140,000	34,174	3,863	38,037	9,113
Newport Heights -----	Wells -----	3		3		255	108			1,000		1,000	988		988	12
Newport Mesa -----	Wells -----	1		1		75	165			338		338	318		318	20
Oakdale -----	Stanislaus River -----				2			56,250	56,250		163,043	163,043	162,343		162,343	700
Oroville-Wyandotte -----	Feather River -----							6,300	6,300		29,000	29,000	15,000		15,000	14,000
Palmdale -----	Little Rock Creek and Wells -----	1		1		125	220	9,000	2,000	100	5,010	5,110	5,010	100	5,110	
Palo Verde -----	Colorado River -----										195,072	195,072	195,072		195,072	
Paradise -----	Little Butte Creek -----							3,475	3,125		4,757	4,757	4,757		4,757	
Potter Valley -----	Eel River (from P.G. & E. Company) -----										2,568	2,568	2,568		2,568	
Princeton-Codora-Glenn-Provident -----	Sacramento R. (and purchased from G.C.I.D.) -----												48,840		48,840	
	Sacramento R. (and purchased from G.C.I.D.) -----												52,513		52,513	
Ramona -----	Wells -----	13		13		35	165			250		250	250		250	
Richvale -----	Feather River -----										65,087	65,087	65,087		65,087	
Riverdale -----	Kings River -----				40											
San Dieguito -----	Lake Hodges Reservoir (water purchased) -----					31	109	37,700		441	1,734	2,175	1,957	190	2,147	28
Santa Fe -----	Lake Hodges Reservoir (water purchased) -----					220	80	37,700					2,720	103	2,823	
San Ysidro -----	Wells -----	5		5		50	220			384		384	384		384	
Scott Valley -----	Scott River -----										3,000	3,000	3,000		3,000	
Serrano -----	Santiago Creek and Wells -----							6,250			1,635	1,635	1,635		1,635	
South Montebello -----	Wells -----	3		3		225	180			825		825	825		825	
South San Joaquin -----	Stanislaus River -----							87,500	87,500		215,000	215,000	200,000		200,000	15,000
South Fork -----	South Fork Pit River -----										25,000	25,000	25,000		25,000	
Stinson -----	Kings River and Wells -----	23		23		690	56			18,380		18,380	11,000		11,000	300
Table Mountain -----	Feather River -----							4,510			4,000	4,000	4,000		4,000	
Terra Bella -----	Wells -----	33		33	3	1,609	410			4,874		4,874	4,718	156	4,874	
Thermalito -----	Feather River -----							3,680	3,680		4,887	4,887	4,887		4,887	
Tracy Clover -----	Old River (San Joaquin River) -----					125	20			1,350		1,350	1,350		1,350	
Tranquillity -----	San Joaquin River, Kings River and Wells -----	10		10	1	600	60		300							
Tulare -----	Kaweah River and Private Wells -----				500						4,250	4,250	4,250		4,250	
Turlock -----	Tuolumne River and Wells -----		107	107		2,040	45	228,000	228,000	116,218	499,910	616,128	616,128		616,128	
Vandalia -----	Tule River and Wells -----	15		15	27	535	270			1,628		1,628	1,580	48	1,628	
Vista -----	Lake Henshaw (Water purchased) -----				7			205,000	21,440		7,299	7,299	6,098	369	6,467	32
Walnut -----	San Gabriel River and Wells -----	3		3		150	50			1,800	200	2,000	2,000		2,000	
Waterford -----	Tuolumne River -----										27,045	27,045	27,045		27,045	
West Side -----	San Joaquin River -----		2	2		1,900	83			12,786		12,786	8,987		8,987	36
West Stanislaus -----	San Joaquin River -----					4,500	114			45,093		45,093	44,502		44,502	591
Woodbridge -----	Mokelumne River -----				4						73,985	73,985	49,385		49,385	24,600
Totals -----		310	261	571	12,260	37,097		1,574,735	836,396	838,791	6,503,752	7,342,543	6,239,430	6,839	6,246,269	971,976
Buena Vista W.S.D. -----	Kern River -----				133			209,000	18,000		100,000	100,000	100,000		100,000	



TABLE II  
CALIFORNIA IRRIGATION DISTRICT CROP REPORT FOR 1935

Name of District	Gross Area, Acres	Irrigable Area, Acres	Area Held by Districts under Tax Deed, Acres	Estimated Number of Holdings			Kind and Acreage of Crops Reported										Area Cropped		
				Farm Land	Town Lots	Total	Alfalfa	Cotton	Rice	Grain and/or Grain Hay	Other Field and Truck	Vines	Deciduous Fruits, Nuts and Olives	Citrus and Avocado	Pasture	Not Segregated	Dry Farmed Acres	Irrigated Acres	Total Acres Reported Cropped
Alpaugh -----	8,133	7,300	4,016	190	-----	190	900	935	-----	1,287	212	-----	-----	-----	280	30	14	3,630	3,644
Alta -----	129,300	110,000	None	3,400	2,900	6,300	-----	-----	-----	-----	-----	49,000	9,000	1,000	-----	31,000	-----	90,000	90,000
Anderson-Cottonwood -----	32,000	28,000	2,528	360	390	750	-----	-----	-----	-----	-----	No report furnished					-----	-----	-----
Banta-Carbona -----	15,598	14,000	131	185	3	188	1,495	-----	-----	1,685	9,896	52	369	-----	-----	-----	1,994	11,503	*13,497
Bard -----	6,700	6,000	19	150	-----	150	1,393	1,333	-----	258	756	-----	-----	52	-----	641	-----	4,433	4,433
Baxter Creek -----	8,926	7,500	-----	91	-----	91	500	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	500	500
Beaumont -----	4,141	3,161	214	360	1,260	1,620	-----	-----	-----	-----	-----	-----	2,011	-----	-----	-----	208	1,803	2,011
Big Springs -----	3,567	2,500	160	33	-----	33	1,100	-----	-----	-----	-----	-----	-----	-----	750	150	150	1,850	2,000
Browns Valley -----	44,000	11,740	None	151	18	169	200	-----	-----	-----	-----	90	400	-----	3,600	2,185	-----	6,475	6,475
Butte Valley -----	22,146	17,500	15,853	75	45	120	-----	-----	-----	-----	-----	-----	-----	-----	-----	1,300	-----	1,300	1,300
Byron-Bethany -----	17,200	12,000	None	186	55	241	5,000	-----	-----	-----	-----	200	1,200	-----	-----	700	2,000	5,100	7,100
Camp Far West -----	4,085	2,658	None	8	-----	8	130	-----	-----	190	527	-----	600	-----	2,280	-----	1,723	2,004	3,727
Carmichael -----	3,135	2,500	259	336	-----	336	21	-----	-----	-----	-----	381	1,495	247	-----	20	164	2,000	2,164
Carpenter -----	1,328	1,200	None	128	152	280	-----	-----	-----	-----	-----	-----	-----	1,102	-----	-----	-----	1,102	1,102
Citrus Heights -----	3,167	2,700	250	332	-----	332	25	-----	-----	-----	102	424	762	61	165	331	196	1,674	1,870
Compton-Delevan -----	12,652	11,000	12,626	3	-----	3	60	-----	497	800	-----	-----	-----	-----	-----	-----	800	557	1,357
Consolidated -----	148,971	130,000	None	4,600	216	4,816	-----	-----	-----	-----	-----	-----	-----	-----	-----	85,576	-----	85,576	85,576
Corcoran -----	51,606	45,000	897	292	9	301	2,996	14,166	-----	7,968	2,960	-----	-----	-----	-----	-----	1,547	26,543	28,090
Cordua -----	5,903	5,000	4,242	15	-----	15	-----	-----	710	-----	320	-----	10	-----	1,385	-----	984	1,441	2,425
Deer Creek -----	2,186	1,900	-----	17	-----	17	200	-----	-----	635	430	5	475	-----	290	-----	290	1,745	2,035
East Contra Costa -----	20,200	17,000	638	400	120	520	681	-----	-----	172	3,811	893	7,218	-----	-----	-----	-----	12,775	12,775
El Camino -----	7,546	6,500	3,600	200	-----	200	400	-----	-----	361	1,100	120	765	-----	3,000	710	3,256	3,200	6,456
El Dorado -----	30,702	19,900	None	552	602	1,154	-----	-----	-----	-----	-----	-----	4,700	-----	-----	-----	-----	4,700	4,700
El Nido -----	9,330	7,400	None	133	2	135	1,606	751	-----	977	756	51	30	-----	-----	245	1,145	3,271	4,416
Empire West Side -----	6,460	5,500	None	51	-----	51	50	-----	-----	3,140	250	-----	-----	-----	1,000	-----	1,240	3,200	4,440
Fairoaks -----	4,268	3,700	171	292	157	449	29	-----	-----	-----	-----	185	1,667	484	-----	-----	78	2,287	2,365
Fallbrook -----	9,917	8,500	None	302	74	376	-----	-----	-----	-----	-----	41	410	1,482	-----	-----	1,200	1,933	3,133
Fresno -----	241,300	210,000	1,343	9,255	-----	9,255	-----	-----	-----	-----	-----	-----	-----	-----	165,000	-----	165,000	165,000	165,000
Glenn-Colusa -----	122,383	110,000	52,908	950	-----	950	9,937	16,773	22,000	4,897	-----	-----	803	98	1,144	7,348	31,400	31,600	63,000
Grenada -----	2,200	1,800	864	29	-----	29	1,100	-----	-----	-----	-----	-----	-----	-----	600	-----	600	1,100	1,700
Hollister -----	24,453	21,000	None	610	943	1,553	770	-----	-----	4,720	4,360	360	8,490	-----	-----	-----	4,720	13,980	18,700
Hot Spring Valley -----	9,533	9,000	2,558	37	-----	37	-----	-----	-----	-----	-----	No report furnished					-----	-----	-----
Imperial -----	612,200	521,600	37,000	4,786	6,168	10,954	195,027	2,737	-----	345,459	144,463	1,750	1,375	9,693	-----	-----	-----	700,504	**700,504
Island No. 3 -----	4,620	4,000	None	150	-----	150	-----	-----	-----	-----	-----	-----	-----	-----	-----	3,000	-----	3,000	3,000
Jacinto -----	11,732	10,500	4,360	170	-----	170	1,166	-----	-----	3,084	1,990	-----	890	-----	922	-----	3,771	4,281	8,052
James -----	24,395	18,266	24,259	9	-----	9	2,392	2,203	-----	6,006	958	15	-----	-----	56	-----	-----	11,620	11,620
La Canada -----	1,322	1,100	179	-----	551	551	-----	-----	-----	-----	-----	-----	-----	245	-----	-----	245	245	245
Laguna -----	34,858	30,000	-----	800	-----	800	-----	-----	-----	-----	-----	-----	-----	-----	-----	27,000	-----	27,000	27,000
Lakeland -----	23,283	21,000	1,516	24	-----	24	-----	-----	-----	-----	-----	-----	-----	-----	-----	5,289	-----	5,289	5,289
Lakeside -----	320	288	-----	-----	90	90	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
La Mesa, L. G. and S. V. -----	19,662	13,000	600	1,100	5,700	6,800	-----	-----	-----	201	799	357	199	2,636	-----	59	551	3,700	4,251
Linden -----	13,700	12,000	None	168	24	192	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Lindsay-Strathmore -----	15,234	14,000	5,257	363	-----	363	-----	-----	-----	-----	95	322	679	6,932	152	5,587	5,409	8,358	13,767
Little Rock Creek -----	3,073	2,600	-----	137	6	143	30	-----	-----	-----	-----	-----	855	-----	-----	-----	-----	885	885
Madera -----	173,000	160,000	None	2,000	2,132	4,132	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* Included in this total are 861 acres reported double cropped.  
\*\* Of this total 296,804 acres reported double cropped.



TABLE II

## CALIFORNIA IRRIGATION DISTRICT CROP REPORT FOR 1935 (Continued)

Name of District	Gross Area, Acres	Irrigable Area, Acres	Area Held by Districts under Tax Deed Acres	Estimated Number of Holdings			Kind and Acreage of Crops Reported										Area Cropped		
				Farm Land	Town Lots	Total	Alfalfa	Cotton	Rice	Grain and/or Grain Hay	Other Field and Truck	Vines	Deciduous Fruits, Nuts and Olives	Citrus and Avacado	Pasture	Not Segregated	Dry Farmed Acres	Irrigated Acres	Total Acres Reported Cropped
Maxwell -----	8,820	8,000	8,820						1,100									1,100	1,100
Merced -----	189,682	165,000	13,384	2,500	2,148	4,648	13,023	3,317	3,352	28,290	17,355	11,522	17,637		39,596	538	36,630	98,000	134,630
Modesto -----	81,203	73,000	190	2,748	3,150	5,898	16,394		1,299	13,568	11,892	9,062	10,699		824	12,708	8,947	67,499	76,446
Montague -----	25,495	18,000	12,219	100	225	325	300			2,200						5,000	5,000	2,500	7,500
Naglee-Burk -----	2,873	2,300	778	39		39	755			793	93				1,144		585	2,200	2,785
Nevada -----	266,211	164,000	8,494	2,041		2,041	139		120		185	92	8,606	219	4,834			14,195	14,195
Newport Heights -----	1,503	1,300	None	151	1,322	1,473	30			85	560	2	35	41	190		193	750	943
Newport Mesa -----	694	400	None		220	220					400					50	50	400	450
Oakdale -----	74,300	64,000	12,122	1,600	1,400	3,000	2,934	200	2,443	9,242	3,080	1,803	4,200		1,204			25,106	25,106
Oroville-Wyandotte -----	24,000	21,300	5,370	437	62	499							1,276	724				2,000	2,000
Palmdale -----	4,756	4,200	3,149	102	151	253	284			180	100	19	327					910	910
Palo Verde -----	88,693	70,000	32,500	470	195	665	8,805	8,761		2,238	4,940		220					24,964	24,964
Paradise -----	10,920	9,500	5,797	625	105	730					200	200	1,752			219		2,371	2,371
Potter Valley -----	5,042	4,195	None	105		105	400			1,000		75	800			1,225	1,000	2,500	3,500
Princeton-Codora-Glenn -----	13,523	12,000	813	175	5	180	603		1,879	80	467		1,120		263	3,200	3,200	4,412	7,612
Provident -----	22,805	20,000	13,151	15		15	136		5,189									5,325	5,325
Ramona -----	660	594	None		216	216										200		200	200
Richvale -----	18,020	16,000	None	94	133	227			6,235							136		6,371	6,371
Riverdale -----	15,830	14,000	900	168		168	3,000	500		3,500	3,500				5,000		5,000	10,500	15,500
San Dieguito -----	4,000	3,000	None	606	894	1,500							30	1,089		619	50	1,688	1,738
Santa Fe -----	10,106	6,980	2,645	320	440	760					300		160	2,320				2,780	2,780
San Ysidro -----	528	450			381	381													
Scott Valley -----	5,131	4,500	None	26		26	1,500			1,000					1,500		1,000	3,000	4,000
Serrano -----	1,497	1,319	20	140		140							5	1,295		16		1,316	1,316
South Fork -----	12,387	11,000	None	18		18				700	9,000							9,700	9,700
South Montebello -----	827	743	5		320	320	65			30	160		10	165	20	200		650	650
South San Joaquin -----	71,112	64,000	3,000	1,925	900	2,825	14,278			11,468	8,985	9,397	4,305		2,689	15,687	11,942	54,867	66,809
Stinson -----	9,421	8,500	9,243	1	4	5	100	1,300		2,100	300							3,800	3,800
Table Mountain -----	1,955	1,700	941	19		19										390		390	390
Terra Bella -----	12,285	11,000	7,400	365	80	445				200	157	3	277	1,963	1,162	1,942	3,262	2,442	5,704
Thermalito -----	3,149	2,700	485	295	155	450						103	405	370				878	878
Tracy-Clover -----	1,034	820	160	78		78	141			189	124				286			740	740
Tranquillity -----	10,750	9,000	4,627	96	60	156	350	1,100			500				250			2,200	2,200
Tulare -----	33,500	30,000	None	560		560													
Tule -----	15,000	10,000		100		100	400											400	400
Turlock -----	181,556	162,000		5,000	2,500	7,500	39,321	231	690	35,669	36,818	11,725	8,000		6,858	22,219	20,000	141,531	161,531
Vandalia -----	1,275	1,200	117	41		41								1,092				1,092	1,092
Vista -----	18,387	14,600	859	1,357	200	1,557	26				669	39	190	5,956	1,000	580	500	7,960	8,460
Walnut -----	907	900	None	70		70								900				900	900
Waterford -----	14,110	11,400	2,430	208	101	309	1,679		200	2,830	1,101	588	1,347		221	143	2,734	5,375	8,109
West Side -----	11,820	11,000	1,870	98	305	403	2,387			4,440	1,806	182	189		2,200		2,759	8,445	11,204
West Stanislaus -----	21,828	21,000	None	110	14	124	3,300	300		4,200	11,555		350				4,000	15,705	19,705
Woodbridge -----	14,290	14,000	None	161		161	1,376		176	3,942	1,301				1,282	2,100		10,477	10,477
Totals -----	3,262,320	2,719,914	327,937	56,394	37,303	93,697	339,224	37,834	40,663	526,887	294,230	99,058	106,343	40,166	86,147	404,543	170,292	1,804,603	1,975,095
Buena Vista Water S. D.-----	72,283	46,824	None	110	40	150	2,650	3,800		21,585	3,550				1,500	175	2,260	31,000	33,260



TABLE III

SUMMARY OF ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD AND REVENUES RECEIVED FROM ASSESSMENTS, WATER TOLLS AND OTHER SOURCES

	Assessed Valuation per Acre			Assessment, 1934-1935				Assessment, 1935-1936					Collections in 1935	
	High	Low	Usual or Average	Total Assessed Valuation	Rate per \$100 of Valuation	Total Assessment Levied	Tax Certificates Sold, Including Penalties	Total Assessed Valuation	Rate per \$100 Valuation			Total Assessment Levied	From Assessments and Water Tolls	From All Other Sources
									Bond Fund	General Fund	Total Rate			
Alpaugh -----	\$ 60	\$ 40	\$ 50	\$ 424,676	\$ 3.00	\$ 6,020	\$ 1,826	\$ 424,676	No report furnished			\$ 5,472	\$ 87,754	\$ 2,678
Alta -----	100	---	65	8,441,993	1.35	114,196	15,917	8,401,621	0.45	0.84	2.50	108,024	112,147	2,243
Anderson-Cottonwood -----	---	---	45	---	---	---	---	---	---	---	1.29	---	---	---
Banta-Carbona -----	150	25	150	2,146,686	2.30	49,374	10,970	2,141,587	---	---	2.30	49,257	119,053	561
Bard -----	---	---	100	585,712	0.20	1,171	503	585,700	---	---	0.20	1,171	1,130	---
Beaumont -----	---	---	88	380,370	9.50	36,135	13,456	378,140	---	---	3.48	11,184	58,025	1,612
Big Springs -----	---	---	100	246,087	0.75	1,846	1,019	236,760	---	---	0.73	1,828	9,748	48
Browns Valley -----	---	---	---	384,000	---	0	0	387,200	---	---	---	0	4,625	191
Butte Valley -----	40	---	40	118,390	3.13	3,706	2,716	756,700	---	---	1.25 per A.	---	3,066	2,751
Byron-Bethany -----	200	---	95	1,677,963	2.32	38,928	5,640	1,679,857	---	3.00	3.00	50,396	66,072	800
Camp Far West -----	150	5	85	349,625	3.60	12,600	---	349,625	3.07	1.10	4.17	14,597	14,645	---
Carmichael -----	---	---	80	249,682	9.88	24,659	9,644	240,861	---	9.88	9.88	23,784	27,619	315
Carpenter -----	800	400	800	966,631	1.55	14,983	1,450	964,911	1.70	---	1.70	16,404	30,305	943
Citrus Heights -----	---	---	100	301,547	6.00	18,092	4,808	289,446	---	6.00	6.00	17,367	23,569	1,116
Compton-Delevan -----	---	---	75	740,340	29.58	219,012	236,555	50,335	127.28	---	127.28	64,066	3,617	13,812
Consolidated -----	110	10	100	9,251,083	1.00	93,243	8,907	9,271,115	---	1.00	1.00	92,711	110,598	2,243
Corcoran -----	100	80	100	5,075,840	1.50	75,322	15,848	5,075,840	0.41	1.09	1.50	75,319	131,436	9,495
Cordua -----	28	8	25	126,738	1.40	1,774	1,567	52,559	1.50	3.02	4.52	2,376	4,701	12,744
Deer Creek -----	100	1	100	177,052	2.05	3,630	703	177,052	1.96	---	1.96	3,470	5,866	80
East Contra Costa -----	190	50	175	3,526,722	2.65	93,373	7,465	3,483,885	2.33	0.32	2.65	92,279	164,319	2,728
El Camino -----	---	---	75	395,768	2 per A.	11,554	---	375,000	---	---	---	---	19,528	5,908
El Dorado -----	155	2	47	1,956,966	0.80	15,656	1,282	1,949,834	0.40	0.40	0.80	15,599	24,514	1,514
El Nido -----	100	20	75	539,150	2.40	12,940	2,996	538,910	1.56	1.04	2.60	14,012	17,986	97
Empire West Side -----	---	---	100	646,041	0.50	3,230	819	646,041	---	0.50	0.50	3,230	3,044	---
Fairoaks -----	90	20	80	345,825	2.00	7,306	8,199	343,816	---	---	2.60	8,939	39,448	961
Fallbrook -----	---	---	100	989,831	0.80	7,919	2,395	990,477	---	0.70	0.70	6,933	6,658	41
Fresno -----	---	---	74	17,701,315	0.90	159,307	18,594	17,808,330	---	1.00	1.00	178,083	201,732	6,532
Glenn-Colusa -----	44	25	40	4,044,732	5.50	224,012	149,061	2,829,498	---	---	20.00	565,900	231,462	37,858
Grenada -----	---	---	163	400,000	4.14	16,560	860	188,980	---	---	1.14	2,154	9,207	2,773
Hollister -----	---	---	91	2,750,240	---	0	0	2,750,240	---	0.20	0.20	5,500	4,679	---
Hot Spring Valley -----	30	5	20	179,407	3.00	5,172	---	---	---	---	---	---	---	---
Imperial -----	150	100	125	47,886,221	1.90	909,838	201,403	47,335,493	---	No report furnished	2.40	1,136,050	1,969,189	116,899
Island No. 3 -----	---	---	48	208,000	---	0	---	224,070	---	---	0.25	560	201	---
Jacinto -----	---	---	60	637,743	1.80	12,989	5,891	438,950	1.60	0.90	2.50	12,198	14,038	1,839
James -----	150	25	150	3,619,928	2.84	102,743	108,759	3,563,420	2.42	0.43	2.85	101,522	32,620	14,632
La Canada -----	---	---	100	1,305,205	1.60	20,833	5,476	1,100,656	1.60	---	1.60	17,670	37,453	1,853
Laguna -----	---	---	45	1,076,854	0.90	10,000	---	1,292,265	---	---	1.25	16,153	27,758	---
Lakeland -----	---	---	---	2,328,000	---	0	0	2,328,000	---	---	---	---	8,139	696
Lakeside -----	---	---	---	133,052	3.50	4,657	1,723	133,052	---	---	2.50	3,326	6,409	67
La Mesa, L.G. and S. V. -----	350	180	---	5,813,025	1.90	112,415	73,000	5,733,467	1.51	0.39	1.90	108,566	222,651	24,765
Linden -----	100	65	75	---	---	---	---	1,164,100	0.73	---	0.73	8,498	8,927	880
Lindsay-Strathmore -----	175	---	165	1,693,871	4.60	77,917	5,432	1,643,249	---	4.96	4.96	81,505	250,223	18,241
Little Rock Creek -----	---	---	100	220,901	4.50	9,897	6,105	220,901	2.50	2.00	4.50	9,897	7,977	---
Madera -----	125	5	40-60	9,052,595	0.10	9,045	2,048	9,023,505	---	0.16	0.16	14,423	11,769	3,935
Maxwell -----	---	---	100	881,955	---	0	0	881,955	47.54	1.76	49.30	434,803	250	---
Merced -----	120	5	75	12,158,405	1.70	206,690	37,853	12,078,870	---	---	3.00	362,366	1,007,562	29,464



TABLE III

SUMMARY OF ASSESSMENTS LEVIED, TAX CERTIFICATES SOLD AND REVENUES RECEIVED FROM ASSESSMENTS, WATER TOLLS AND OTHER SOURCES (Continued)

Name of District	Assessed Valuation per Acre			Assessment, 1934-1935				Assessment, 1935-1936					Collections in 1935	
	High	Low	Usual or Average	Total Assessed Valuation	Rate per \$100 of Valuation	Total Assessment Levied	Tax Certificates Sold, Including Penalties	Total Assessed Valuation	Rate per \$100 Valuation			Total Assessment Levied	From Assessments and Water Tolls	From All Other Sources
									Bond Fund	General Fund	Total Rate			
Modesto -----	\$ 150	\$ 10	\$ 70-80	\$ 7,402,580	\$ 3.00	\$ 222,077	\$ 15,159	\$ 7,398,670	\$ 2.00	\$ 0.76	\$ 2.76	\$ 204,177	\$ 805,734	\$ 6,975
Montague -----	75	1	40	427,636	0.33	1,426	71,925	345,682	---	0.33	0.33	1,123	1,297	511
Naglee-Burk -----	100	60	100	239,402	5.50	13,167	1,464	206,763	---	5.50	5.50	11,372	12,132	1,111
Nevada -----	45	6	15	3,597,400	1.00	35,974	4,428	3,602,357	---	1.00	1.00	36,024	160,376	307,933
Newport Heights -----	1000	---	600	1,157,600	1.25	14,470	2,467	1,145,930	0.47	0.53	1.00	11,459	25,574	219
Newport Mesa -----	---	---	600	422,330	1.85	7,813	3,609	422,155	0.83	1.02	1.85	7,810	7,674	51
Oakdale -----	135	1	60	3,751,150	3.80	142,543	23,147	3,574,840	1.80	2.00	3.80	135,844	164,688	64,688
Oroville-Wyandotte -----	100	10	100	2,163,847	1.00	21,638	3,648	1,795,677	---	1.00	1.00	17,957	62,326	8,617
Palmdale -----	---	---	100	139,973	5.00	6,998	3,142	142,320	3.67	1.33	5.00	7,116	9,437	2,317
Palo Verde -----	100	---	50	2,416,800	2.50	60,393	6,013	2,989,155	---	1.90	1.90	56,794	174,346	72,503
Paradise -----	60	2	60	399,430	3.75	14,991	5,105	387,611	0.50	3.25	3.75	14,533	24,416	3,190
Potter Valley -----	60	5	60	257,196	4.95	12,731	---	256,831	3.55	1.95	5.50	14,126	15,947	280
Princeton-Codora-Glenn-----	70	65	67	884,690	3.70	31,566	3,454	859,364	1.20	2.50	3.70	30,629	53,565	13,220
Provident -----	80	60	75	1,611,495	5.70	91,855	57,669	1,611,495	5.00	---	5.00	80,575	27,776	25,565
Ramona -----	200	50	109	82,320	8.00	6,586	1,853	81,910	---	---	8.00	6,553	9,796	886
Richvale -----	30	20	30	505,220	---	0	---	505,220	---	---	0.00	0	47,375	4,687
Riverdale -----	---	---	50	732,482	0.60	4,395	186	732,482	---	0.60	0.60	4,395	5,617	1,638
San Dieguito -----	2000	150	515	2,000,080	3.00	60,008	22,780	2,060,894	0.62	1.38	2.00	41,218	73,295	11,630
Santa Fe -----	900	---	185	1,849,680	4.20	77,687	58,460	1,850,800	0.82	3.38	4.20	77,734	119,543	2,979
San Ysidro -----	250	20	210	117,515	1.50	1,763	778	117,715	1.50	---	1.50	1,766	9,715	141
Scott Valley -----	---	---	50	256,565	2.00	5,131	0	256,565	---	---	---	---	6,479	---
Serrano -----	1000	10	1000	1,318,630	1.00	13,185	484	1,317,865	1.00	---	---	---	21,739	604
South Fork -----	---	---	41	502,680	---	0	0	502,680	1.18	0.32	1.50	7,540	3,770	106
South Montebello-----	---	---	950	702,331	2.00	14,047	1,404	702,798	---	1.80	1.80	12,650	21,071	2,656
South San Joaquin -----	135	20	100	6,580,145	5.00	329,007	36,727	6,561,175	3.23	1.77	5.00	328,059	334,521	69,978
Stinson -----	---	---	50	2,365	10.00	236	2,587	30,703	3.00	11.00	14.00	4,298	11,870	31,213
Stratford -----	---	---	100	---	---	---	---	---	---	---	---	---	---	---
Table Mountain -----	---	---	125	240,675	---	---	20,393	---	---	---	---	---	---	---
Terra Bella -----	130	30	100	450,132	8.00	36,011	11,025	379,056	4.80	0.50	5.30	---	1,852	5,022
Thermalito -----	---	---	150	449,040	2.00	8,980	3,278	450,382	4.20	2.80	7.00	26,534	104,216	12,447
Tracy-Clover -----	100	100	100	87,931	6.50	5,782	2,432	87,332	---	---	2.50	11,260	18,674	5,535
Tranquillity -----	150	150	150	991,849	---	0	---	---	---	7.00	7.00	6,112	6,498	246
Tulare -----	60	20	40	---	---	---	1,214	1,484,209	---	0.70	0.70	0	15,286	---
Turlock -----	125	20	80	13,338,330	3.00	400,150	54,048	13,373,810	2.76	---	2.76	10,389	16,472	8,311
Vandalia -----	200	200	200	241,614	6.25	15,101	806	241,614	8.11	2.89	11.00	369,133	414,544	891,619
Vista -----	300	10	125	2,205,742	5.50	103,063	32,988	2,202,733	---	---	---	26,578	30,711	8,377
Walnut -----	1000	1000	1000	906,160	0.50	4,531	426	907,120	2.00	3.50	5.50	121,152	244,854	17,176
Waterford -----	300	5	80	1,010,923	4.00	40,437	8,696	967,201	---	---	0.50	4,536	8,232	29
West Side -----	150	1	100	1,185,715	1.75	17,783	3,804	1,034,134	---	4.00	4.00	38,688	42,139	1,700
West Stanislaus -----	100	2	100	2,182,382	2.00	43,647	4,013	2,182,605	---	1.50	1.50	15,510	50,806	1,932
Woodbridge -----	150	20	85	1,217,908	2.00	24,095	3,081	1,221,314	2.31	0.44	2.75	60,022	148,795	387
Totals -----				\$216,166,110		\$4,638,011	\$1,443,583	\$214,522,116				\$5,578,758	\$8,505,617	\$1,912,935



TABLE IV

SUMMARY OF STATISTICAL DATA RELATING TO OUTSTANDING BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS  
JANUARY 1, 1936  
(Totals for each district underscored)

Name of District	Number of Bond Issue	Date of Bonds	Range of Maturities	Reg- ular Coupon Rate per cent	Status of Bond Issues January 1, 1936										Interest Bearing Warrants Out- standing 1/1/36
					Face Value of Bonds Voted		Principal Amount Sold	Disposition of Bonds Sold					Bond Payments Due and Not Paid		
					Original	Refunding		Refunded	Retired by Dis- count in Refunding	Retired by Payment	Held by R.F.C. for Refunding	Out- standing	Principal	Interest	
Alpaugh -----	1	Jul.1,1916	Jul.1,1927-1946	6	\$ 283,000	\$-----	\$ 283,000	-----	-----	\$ 75,290	\$145,940	\$ 207,710	\$ None	\$-----	\$ 54
Alta -----	1 Ref.	Feb.4,1902	Jan.1,1923-1942	5	-----	500,000	492,000	-----	-----	396,000	-----	96,000	None	None	None
Anderson-Cottonwood-----	1	Jan.1,1916	Jan.1,1937-1956	6	1,255,000	-----	1,255,000	None	None	127,000	None	1,128,000	73,000	-----	-----
	2	Jul.1,1917	Jul.1,1938-1957	6	480,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	3	Jul.1,1920	Jul.1,1925-1934	6	575,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
				6	200,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Banta-Carbona-----	1	Aug.1,1924	Jul.1,1940-1964	6	1,164,000	-----	1,137,060	None	None	None	None	1,137,060	None	230,763	56,896
	2	Dec.1,1925	Jul.1,1941-1965	6	705,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	3	Jan.1,1927	Jan.1,1948-1967	6	125,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
				6	334,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Baxter Creek-----	1	Jul.1,1921	Jan.1,1926-1943	6	511,000	-----	511,000	None	None	None	None	511,000	229,000	199,012	51,760
Beaumont -----	1	Nov.1,1920	Jan.1,1926-1944	6	300,000	-----	300,000	None	None	94,900	198,100	205,100	None	None	None
	2	Jul.1,1926	Jul.1,1931-1950	6	230,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
				6	70,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Big Springs-----	1	Jul.1,1928	Jan.1,1930-1946	6	69,000	-----	67,000	None	None	9,000	None	58,000	18,000	8,460	None
Butte Valley -----	1	Sep.1,1923	Jan.1,1944-1963	6	594,000	-----	594,000	None	None	None	None	594,000	None	317,760	None
Byron-Bethany -----	1	Nov.1,1920	Jan.1,1924-1952	6	650,000	-----	650,000	533,000	None	81,000	None	569,000	1,000	9,672	1,200
	2	Sep.1,1923	Jul.1,1933-1955	6	550,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	1 Ref.	Jan.1,1934	Sinking Fund-1979	6	100,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
				6	-----	569,000	-----	-----	-----	-----	-----	-----	-----	-----	-----
Camp Far West -----	1	Jul.1,1927	Jul.1,1937-1956	6	200,000	-----	179,000	None	None	None	None	179,000	None	None	None
Carmichael -----	1	Jul.1,1916	Jul.1,1923-1942	6	120,000	-----	120,000	None	None	38,900	None	81,100	12,900	12,093	None
	2	Jan.1,1926	Jan.1,1933-1945	6	90,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
				6	30,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Carpenter -----	1	Jul.1,1929	Jul.1,1934-1953	6	200,000	-----	200,000	None	None	8,000	None	192,000	None	None	None
Citrus Heights -----	1	Aug.1,1921	Jul.1,1926-1945	6	262,000	-----	215,000	None	None	63,000	None	152,000	24,000	21,360	None
Compton-Delevan -----	1	Dec.1,1921	Jan.1,1922-1936	6	575,000	-----	523,000	281,000	None	139,000	None	384,000	103,000	90,990	None
	1 Ref.	Jan.1,1927	Jan.1,1937-1950	6	-----	384,000	-----	-----	-----	-----	-----	-----	-----	-----	-----
Corcoran -----	1	Jan.1,1920	Jan.1,1931-1955	6	760,000	-----	760,000	None	None	27,000	None	733,000	43,000	107,790	2,609
Cordua -----	1	Jun.1,1920	Jul.1,1925-1940	6	267,000	289,725	258,000	* 253,818	153,093	1,182	None	103,725	None	750	None
	2	Jun.1,1921	Jul.1,1925-1940	6	192,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	1 Ref.	Jun.1,1925	Jul.1,1941-1951	6	75,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
	R.F.C.	Sep.1,1934	Jul.1,1938-1959	4	-----	187,000	-----	-----	-----	-----	-----	-----	-----	-----	-----
				4	-----	102,725	-----	-----	-----	-----	-----	-----	-----	-----	-----
Deer Creek -----	1	Sep.1,1927	Jul.1,1929-1938	6	25,000	-----	25,000	None	None	17,500	None	7,500	None	None	None
East Contra Costa -----	1	Jan.1,1924	Jan.1,1935-1954	6	1,324,000	-----	1,301,000	991,580	None	148,000	None	1,153,000	None	None	None
Brentwood -----	1	Jul.1,1921	Jul.1,1927-1946	6	514,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Knightsen -----	1	Mar.1,1922	Jan.1,1928-1947	6	650,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
Lone Tree -----	1 Ref.	Jan.1,1934	Sinking Fund-1978	6	160,000	-----	-----	-----	-----	-----	-----	-----	-----	-----	-----
				6	-----	1,153,000	-----	-----	-----	-----	-----	-----	-----	-----	-----

\* Approximately \$253,818 of Cordua bonds were purchased and retired with loan of \$100,725 from R.F.C.



TABLE IV

SUMMARY OF STATISTICAL DATA RELATING TO OUTSTANDING BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS (Continued)  
JANUARY 1, 1936  
(Totals for each district underscored)

Name of District	Number of Bond Issues	Date of Bonds	Range of Maturities	Reg- ular Coupon Rate, per cent	Status of Bond Issues January 1, 1936										Interest Bearing Warrants Out- standing 1/1/36
					Face Value of Bonds Voted		Principal Amount Sold	Disposition of Bonds Sold					Bond Payments Due and Not Paid		
					Original	Refunding		Refunded	Retired by Dis- count in Refunding	Retired by Payment	Held by R.F.C. for Refunding	Out- standing	Principal	Interest	
El Camino -----	1 1st Div. 2nd Div. 3rd Div.	Nov.1,1926 ----- ----- -----	Jan.1,1937-1956 Jan.1,1940-1952 Jan.1,1940-1956	6 6 6	\$ 430,000 275,000 28,000 127,000	\$-----	\$ 423,000	None	None	None	None	\$ 423,000	None	\$ 90,000	None
El Dorado -----	1	Mar.1,1927	Jan.1,1948-1967	6	1,300,000	-----	688,000	None	None	None	640,000	688,000	None	42,450	24,439
El Nido -----	1	Jan.1,1931	Jan.1,1934-1951	6	135,000	-----	120,000	None	None	None	None	120,000	9,000	None	None
Fairoaks -----	1	Oct.1,1918	Jul.1,1924-1943	6	200,000	-----	160,000	None	None	76,000	None	84,000	16,000	6,720	None
Glenn-Colusa -----	1 1 Ref.	Oct.1,1920 Nov.1,1924	Jan.1,1922-1941 Jan.1,1935-1941	6 6	2,587,000 ----- 300,000	-----	2,404,150	285,000	-----	1,155,696	1,197,354	1,248,454	195,354	115,326	18,726
Grenada -----	1 1 Ref.	Jul.1,1921 Jun.16,1931	Jul.1,1926-1940 Jul.1,1938-1970	6 6	240,000 ----- 136,000	-----	240,000	* 240,000	104,000	None	None	136,000	None	4,080	None
Hot Spring Valley-----	----- 1 2	----- May 1,1920 Oct.15,1921	----- Jan.1,1923-1936 Jan.1,1927-1939	----- 6 6	----- 160,000 100,000 60,000	-----	160,000	-----	-----	77,000	76,000	83,000	-----	-----	-----
Imperial -----	----- 1 2 3 4 1 Ref. 1st Div. 2nd Div. 3rd Div.	----- Jan. 1,1915 Jul. 1,1917 Oct. 1,1919 Jul. 1,1922 Feb. 1,1933 ----- ----- -----	----- Jan.1,1936-1955 Jul.1,1938-1957 Jul.1,1925-1934 Jul.1,1935-1956 ----- Sinking Fund-1983 Jul.1,1939-1942 Sinking Fund-1983	----- 5 5 5½ 6 ----- ----- -----	16,000,000 3,500,000 2,500,000 2,500,000 7,500,000 ----- ----- -----	14,250,000	16,000,000	13,211,500	None	1,749,000	None	14,251,000	1,000	294,930	878,266
Jacinto -----	1	Dec.1, 1920	Jan.1,1923-1942	6	238,000	-----	238,000	-----	-----	82,713	155,287	155,287	None	None	None
James -----	1	May 15,1920	Jan.1,1928-1947	6	1,000,000	-----	1,000,000	None	None	5,000	None	995,000	445,000	441,990	60
La Canada -----	----- 1 2	----- Jul. 1,1925 Jul. 1,1928	----- Jul.1,1936-1960 Jul.1,1949-1968	----- 5 5	328,000 154,000 174,000	-----	328,000	None	None	None	None	328,000	None	None	None
Lakeside -----	1	Feb. 1,1925	June 1,1946-1965	6	35,000	-----	35,000	None	None	3,500	None	31,500	None	None	None
LaMesa, L.G. and S.V.--	----- 1 2 2nd Div. R.F.C.	----- Jul.1,1914 Jan.1,1925 May 1,1934 May 1,1934	----- Jun.30,1935-1939 Jan. 1,1946-1965 May 1,1937-1964 May 1,1940-1972	----- 6 6 4 4	4,222,500 1,232,500 2,500,000 490,000 -----	-----	2,467,000 66,000 2,000,000 401,000	2,056,000	822,400	10,000	None	1,747,768 None None 401,000 **1,346,768	None	1,050	None
Lindsay-Strathmore-----	----- 1 2	----- Jul.1,1916 Oct.1,1918	----- Jul. 1,1927-1946 Oct. 1,1929-1948	----- 6 6	1,650,000 1,400,000 250,000	-----	1,650,000	None	None	223,000	None	1,427,000	167,000	234,225	None
Little Rock Creek-----	----- 3 4 5 6	----- Jul.1,1914 Jan.16,1920 May 1,1921 Jan.1,1925	----- Jan.1,1934-1954 Jan.1,1941-1960 Jan.1,1925-1942 Jan.1,1941-1960	----- 5 6 6 6	368,000 60,000 200,000 48,000 60,000	-----	368,000	None	None	8,000	None	360,000	23,000	92,480	-----

\* Grenada exchanged \$136,000 refunding issue for \$240,000 of original bonds.

\*\*La Mesa, L. G. and S. V. retired bonds and coupons in the amount of \$2,242,114 through loan of \$1,346,768 from R.F.C.



TABLE IV  
SUMMARY OF STATISTICAL DATA RELATING TO OUTSTANDING BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS (Continued)  
JANUARY 1, 1936  
(Totals for each district underscored)

Name of District	Number of Bond Issues	Date of Bonds	Range of Maturities	Reg- ular Coupon Rate per cent	Status of Bond Issues January 1, 1936										Interest Bearing Warrants Out- standing 1/1/36
					Face Value of Bonds Voted		Principal Amount Sold	Disposition of Bonds Sold					Bond Payment Due and not Paid		
					Original	Refunding		Refunded	Retired by Dis- count in Refunding	Retired by Payment	Held by R.F.C. for Refunding	Out- standing	Principal	Interest	
Maxwell -----	1	Sep.15, 1918	Jan.1,1922-1941	6	\$ 260,000	-----	\$ 260,000	\$ None	\$ None	\$ 26,000	\$ None	\$**234,000	\$ 169,000	\$ 114,600	\$ 44,190
Merced -----				-----	16,250,000	-----	16,250,000	None	None	59,000	14,560,000	16,191,000	202,000	2,855,820	None
	1 1st Div.	Jan. 1, 1922	Jan.1,1933-1950	6	3,120,000										
	2 2nd Div.	Jan. 1, 1922	Jan.1,1951-1953	5½	1,800,000										
	1 3rd Div.	Jan. 1, 1922	Jan.1,1954-1955	5½	1,420,000										
	1 4th Div.	Jan. 1, 1922	Jan.1,1956-1962	6	5,660,000										
	2	May 1, 1924	Jan.1,1937-1964	6	3,250,000										
	3	Apr. 1, 1926	Jan.1,1965-1966	5½	1,000,000										
Modesto -----				-----	3,926,000	1,388,511	4,995,511	None	None	1,310,032	None	3,685,479	*31,000	*5,669	None
	1 Ref.	May 1, 1902	Jan.1,1923-1942	5	-----	1,056,511									
	2	Jan. 1, 1903	Jan.1,1914-1923	6	18,000										
	2 Ref.	Jan. 5, 1904	Jan.1,1925-1944	5	-----	332,000									
	3	Jul. 1, 1909	Jul.1,1930-1939	5	200,000										
	4	Jan. 1, 1911	Jan.1,1932-1941	5	50,000										
	5-6	Jul. 1, 1914	Jul.1,1935-1954	6	610,000										
	7-11	Jul. 1, 1920	Jul.1,1931-1950	6	2,000,000										
	12	Oct. 1, 1923	Jul.1,1934-1953	5	135,000										
	13	Jan. 1, 1924	Jul.1,1944-1953	5	500,000										
	14	Jan. 1, 1927	Jan.1,1942-1951	5	236,000										
	14 Sp.	Dec. 1, 1934	Aug.1,1940-1952	4	177,000										
Montague-----	1	Jan. 1, 1926	Jan.1,1947-1966	6	1,395,000	-----	1,395,000	None	None	None	None	1,395,000	None	500,000	None
Naglee-Burk -----	1	Oct. 1, 1921	Jul.1,1926-1940	6	200,000	-----	195,000	186,000	None	9,000	None	186,000	3,000	33,750	7,260
	1 Ref.	Jul. 1, 1927	Jul.1,1933-1967	6	-----	192,000									
Nevada -----	Original			-----	9,842,000	-----	8,100,000	8,100,000	None	None	None	8,100,000	None	None	None
	1 1st Div.	Jul. 1, 1925	Jul.1,1936-1965	5½	6,000,000										
	2 2nd Div.	Jul. 1, 1926	Jul.1,1933-1965	5½	1,250,000										
	2	Jul. 1, 1928	Jul.1,1949-1962	5½	2,592,000										
	Refunding	Sep.15, 1931	Sinking Fund-1981	4	-----	8,100,000									
Newport Heights----	1	Jan. 1, 1920	Jan.1,1941-1960	6	160,000	-----	160,000	None	None	None	144,800	160,000	None	1,368	None
Newport Mesa -----	1	Jan. 1, 1919	Jul.1,1940-1959	6	50,000	-----	50,000	None	None	None	None	50,000	None	3,060	None
Oakdale -----				-----	3,675,000	-----	3,675,000	2,181,200	-----	355,000	2,235,300	3,320,000	25,000	-----	None
	1	Jul. 1, 1910	Jul.1,1931-1940	5	1,600,000										
	2	Jan. 1, 1913	Jan.1,1934-1943	5	400,000										
	3	Jul. 1, 1915	Jul.1,1936-1955	6	400,000										
	4	Jan. 1, 1924	Jan.1,1925-1931	5½	175,000										
	5	Jun.21, 1925	Jan.1,1927-1965	5	1,100,000										
	1 Ref.	Oct. 1, 1931		-----	-----	2,320,000									
Oroville-Wyandotte-	1	Jan. 1, 1923	Jan.1,1944-1963	6	2,000,000	-----	1,095,000	None	None	None	1,065,000	1,095,000	None	262,800	None
Owens Valley -----	1	Jan. 1, 1924	Jan.1,1940-1959	5½	1,650,000	-----	471,500	None	None	None	None	471,500	No information		

\*\* Maxwell bonds all acquired and held by pool of certain landowners.

\* Modesto has \$31,000 outstanding matured bonds that have never been presented for payment.



TABLE IV

SUMMARY OF STATISTICAL DATA RELATING TO OUTSTANDING BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS (Continued)  
JANUARY 1, 1936

(Totals for each district underscored)

Name of District	Number of Bond Issues	Date of Bonds	Range of Maturities	Reg- ular Coupon Rate, per cent	Status of Bond Issues January 1, 1936										Interest Bearing Warrants Out- standing 1/1/36
					Face Value of Bonds Voted		Principal Amount Sold	Disposition of Bonds Sold					Bond Payments Due and not Paid		
					Original	Refunding		Refunded	Retired by Dis- count in Refunding	Retired by Payment	Held by R.F.C. for Refunding	Out- standing	Principal	Interest	
Palmdale -----	1	May 16, 1920	Jan. 1, 1941-1960	6	\$ 545,000		\$ 445,000	\$**445,000	\$222,500	None	None	\$ 222,500	None	None	\$ 6,778
	2	May 1, 1921	Jan. 1, 1933-1942	6	382,000										
	3	Jun. 1, 1925	Jan. 1, 1941-1960	6	63,000										
	1 Ref.	Jul. 1, 1934	Jan. 1, 1947-1982	6	100,000	222,500									
Palo Verde -----					6,507,330		4,913,330	None	None	739,000	\$4,036,730	\$4,174,330	\$496,000	\$1,349,729	None
Mutual Water Company --	1	Feb. 1, 1916	Feb. 1, 1922-1935	6	500,000										
Levee District -----	1	May 1, 1918	May 1, 1919-1958	6 1/2	1,285,951										
Levee District -----	2	Nov. 1, 1922	Nov. 1, 1923-1962	6 1/2	371,379										
Drainage District -----	1	Dec. 1, 1921	Jan. 1, 1933-1942	6	850,000										
Irrigation District ----	1	Sep. 1, 1925	Jul. 1, 1937-1955	6	3,500,000										
Paradise -----					490,000		490,000	None	None	14,000	447,000	476,000	None		None
	1	May 1, 1917	May 1, 1938-1957	6	350,000										
	2	Jul. 1, 1920	Jul. 1, 1925-1956	6	140,000										
Potter Valley -----	1	Jul. 1, 1928	Jul. 1, 1933-1952	5 1/2	100,000		97,000	None	None	15,000	None	82,000	None	None	None
Princeton-Codora-Glenn--	1	Jul. 1, 1918	Jul. 1, 1939-1958	6	175,000		175,000	None	None	18,500	None	156,500	None	None	3,000
Provident -----					1,190,000		1,190,000	None	None	233,000	None	957,000	163,000	262,238	None
	1	Aug. 15, 1918	Aug. 15, 1930-1949	6	1,000,000										
	2	Aug. 9, 1921	Jul. 1, 1922-1933	6	190,000										
Ramona -----	1	Jul. 1, 1926	Jul. 1, 1947-1966	6	91,000		91,000	None	None	None	None	91,000	None	None	None
Richvale -----	1	----- 1931	1937-1970	6	515,000		515,000			None	515,000	515,000	None	None	None
San Dieguito -----	1	Apr. 1, 1923	Jan. 1, 1931-1950	6	400,000		400,000	None	None	39,000	352,000	361,000	41,000	51,750	21,427
Santa Fe-----	1	Nov. 1, 1923	Jul. 1, 1933-1952	6	700,000		700,000	*684,000	325,000	16,000	None	393,500	None	None	None
	R.F.C.	Jul. 1, 1935	Jul. 1, 1940-1972	4		394,500									
San Ysidro -----	1	Jan. 1, 1913	Jan. 1, 1934-1943	5	25,000		25,000	None	None	4,500	None	20,500	None	None	None
Scott Valley -----	1	Jul. 1, 1920	Jul. 1, 1923-1937	6	125,000	136,000	125,000	69,000	None	58,000	None	67,000	None	None	None
	1 Ref.	Jan. 1, 1932	Jan. 1, 1933-1947	6		69,000									
	2 Ref.	Jan. 1, 1936	Jan. 1, 1937-1961	5		67,000									
Serrano -----	1	Jul. 1, 1929	Jul. 1, 1934-1953	6	200,000		200,000	None	None	8,000	None	192,000	None	None	None
South Fork -----	1	Jul. 1, 1934	Jul. 1, 1938-1964	4	165,000		133,000	None	None	None	None	133,000	None	2,660	None
South Montebello -----	1	Jun. 30, 1923	Jan. 1, 1926-1945	6	125,000		125,000	None	None	62,500	None	62,500	None	None	None
South San Joaquin -----					5,985,000	4,791,250	5,985,000	4,510,550	None	178,750	None	5,806,250	78,650	610,607	None
	1	Jul. 1, 1910	Jul. 1, 1931-1940	5	1,875,000										
	2	Apr. 18, 1913	Apr. 18, 1934-1942	5	1,170,000										
	3	Jul. 1, 1913	Jul. 1, 1934-1943	5	790,000										
	4	Sep. 1, 1919	Sep. 1, 1940-1959	5 1/2	500,000										
	5	Nov. 6, 1923	Jul. 1, 1944-1963	5 1/2	550,000										
	6	Jun. 21, 1925	Jan. 1, 1927-1965	5	1,100,000										
	1 Ref.	Oct. 1, 1931													
	1st Div.		Jul. 1, 1936-1981	5		3,741,250									
	2nd Div.		Jul. 1, 1936-1981	5 1/2		1,050,000									
Stinson -----	1	Apr. 1, 1923	Jan. 1, 1931-1950	6	360,000		360,000	None	None	None	None	360,000	64,800	64,162	31,902
Table Mountain -----					187,000		187,000	None	None	None	None	187,000	None	36,295	None
	1	Jul. 1, 1923	Jul. 1, 1944-1963	6	125,000										
	2	Mar. 1, 1927	Jan. 1, 1948-1967	6	62,000										

\*\* Palmdale exchanged \$222,500 refunding bonds for \$445,000 original issue.

\* Santa Fe retired \$684,000 old bonds and \$62,642 in warrants with loan of \$393,500 from R.F.C.



TABLE IV

SUMMARY OF STATISTICAL DATA RELATING TO OUTSTANDING BONDS AND WARRANTS OF CALIFORNIA IRRIGATION DISTRICTS (Continued)  
JANUARY 1, 1936  
(Totals for each district underscored)

Name of District	Number of Bond Issues	Date of Bonds	Range of Maturities	Reg- ular Coupon Rate, per cent	Status of Bond Issues January 1, 1936										Interest Bearing Warrants Out- standing 1/1/36
					Face Value of Bonds Voted		Principal Amount Sold	Disposition of Bonds Sold					Bond Payments Due and Not Paid		
								Refunded	Retired by Dis- count in Refunding	Retired by Payment	Held by R.F.C. for Refunding	Out- standing	Principal	Interest	
					Original	Refunding									
Terra Bella -----	1 1 Ref.	Nov. 1, 1916 Jul. 1, 1933	Nov.1,1927-1946 Sinking Fund-1979	6 4	\$1,000,000	\$----- 409,000	\$1,000,000	\$ * 729,500	\$ 364,750	\$ 206,500	None	\$ 428,750	\$ 19,500	\$ 13,930	None
Thermalito -----	1 2	Mar. 1, 1923 May 1, 1926	Jan.1,1934-1953 Jan.1,1947-1966	6 6	320,000 270,000 50,000	-----	320,000	None	None	None	\$ 308,000	320,000	19,000	67,620	11,698
Tracy-Clover -----	1	May 1, 1923	Jan.1,1939-1963	6	52,170	-----	52,170	None	None	None	None	52,170	None	9,540	2,242
Tranquillity -----	1	Jan. 1, 1920	Jan.1,1924-1955	5½	260,000	-----	260,000	None	None	29,000	None	231,000	2,000	2,117	16,663
Tule -----	1	Jul. 1, 1921	Jan.1,1926-1943	6	806,000	-----	806,000	None	None	None	None	806,000	363,000	342,310	None
Turlock -----	1 Ref. 1 2 3 4-5 6 7 8	Jul. 1, 1902 Jan. 1, 1905 Jul. 1, 1910 Jan. 1, 1911 Jul. 1, 1920 Jul. 1, 1920 Jan. 1, 1924 Dec.31, 1926	Jan.1,1922-1942 Jan.1,1926-1935 Jul.1,1931-1940 Jan.1,1932-1941 Jul.1,1936-1951 Jul.1,1941-1960 Jan.1,1927-1936 Jul.1,1932-1946	5 5 5 5 6 5½ 5 5	6,714,000 200,000 100,000 1,206,000 3,598,000 510,000 500,000 600,000	1,200,000	7,870,000	-----	-----	1,938,960	None	5,931,040	None	None	None
Vandalia -----	1 1 Ref.	Apr. 1, 1924 Jul. 1, 1933	Jan.1,1928-1947 Sinking Fund- 1968	6 5	210,000	172,200	210,000	172,200	None	37,800	None	172,200	None	None	None
Vista -----	1	Jan. 1,1925	Jan.1,1946-1965	6	1,700,000	-----	1,700,000	None	None	None	1,640,000	1,700,000	None	840	None
Waterford -----	1 2	Oct. 1,1916 Jul. 1,1919	Oct.1,1927-1946 Jul.1,1927-1946	6 5½	670,000 465,000 205,000	-----	670,000	None	None	38,075	None	631,925	118,075	136,231	None
West Side -----	1 2 3 4	Jan. 1,1917 Jul. 1,1918 Jan. 1,1920 Feb. 1,1929	Jan.1,1938-1957 Jul.1,1939-1958 Jan.1,1930-1939 Jan.1,1950-1969	6 6 6 6	595,000 295,000 100,000 150,000 50,000	-----	558,500	None	None	48,000	None	510,500	57,000	91,965	56,331
West Stanislaus -----	1 1 Ref.	Jul. 1,1927 Jul. 1,1933	Jul.1,1932-1957 Jul.1,1936-1983	6 5½	1,216,376	1,160,000	1,175,000	1,139,000	None	15,000	None	1,160,000	None	23,890	6,500
Williams -----	1 Ref. 2 3	Jul. 1,1921 Jan. 1,1924 Jan. 1,1924 Jun. 1,1924	Jan.1,1923-1937 Jan.1,1942-1959 Jan.1,1959-1961 Jan.1,1945-1961	6 6 6 6	732,000 600,000 115,000 17,000	466,000	632,000	332,000	-----	70,000	None	562,000	51,000	257,070	41,597
Woodbridge -----	1	Mar. 1,1928	Jan.1,1930-1954	5½	325,000	-----	325,000	None	None	55,000	None	270,000	None	None	10,033
Totals -----					109,346,376	39,881,454	103,533,221	36,401,530	1,991,743	10,199,298	27,716,511	91,489,848	3,263,279	9,421,822	1,293,631
Buena Vista W.S.D.-----	1	Jul.1,1929	Jul.1,1935-1968	6	942,731	-----	942,731	None	None	9,731	None	933,000	None	None	75,193

\* Terra Bella exchanged \$364,750 of refunding issue for \$729,500 of old bonds.



TABLE V  
YEAR FORMED, AREA, AND BONDS OUTSTANDING IN CALIFORNIA IRRIGATION DISTRICTS  
January 1, 1936

Irrigation District	Year Formed	Estimated Area		Bonds Outstanding Total	Bonds Outstanding Per Acre		Irrigation District	Year Formed	Estimated Area		Bonds Outstanding Total	Bonds Outstanding Per Acre	
		Gross Acres	Irrigable Acres		Gross Area	Irrigable Area			Gross Acres	Irrigable Acres		Gross Area	Irrigable Area
Alpaugh -----	1915	8,133	7,300	207,710	25.54	28.45	Maxwell -----	1918	8,820	8,000	234,000	26.53	29.25
Alta -----	1888	129,300	110,000	96,000	0.74	0.87	Merced -----	1919	189,682	165,000	16,191,000	85.36	98.13
Anderson-Cottonwood -----	1914	32,000	28,000	1,128,000	35.25	40.29	Modesto -----	1887	81,203	73,000	3,685,479	45.39	50.49
Banta-Carbona -----	1921	15,998	14,000	1,137,060	71.08	81.22	Mojave River -----	1917	27,665	24,000	None	None	None
Bard -----	1927	6,700	6,000	None	None	None	Montague -----	1925	25,495	18,000	1,395,000	54.72	77.50
Baxter Creek -----	1917	8,926	7,500	511,000	57.25	68.13	Naglee-Burk -----	1920	2,873	2,300	186,000	64.74	80.87
Beaumont -----	1919	4,141	3,160	205,100	49.53	64.91	Nevada -----	1921	266,211	164,000	8,100,000	30.43	49.39
Big Springs -----	1927	3,567	2,500	58,000	16.26	23.20	Newport Heights -----	1918	1,503	1,300	160,000	106.45	123.08
Big Valley -----	1925	12,430	11,000	None	None	None	Newport Mesa -----	1918	694	400	50,000	72.05	125.00
Browns Valley -----	1888	44,000	11,740	None	None	None	Oakdale -----	1909	74,300	64,000	3,320,000	44.68	51.88
Butte Valley -----	1920	22,146	17,500	594,000	26.82	33.94	Oroville-Wyandotte -----	1919	24,000	21,300	1,095,000	45.62	51.41
Byron-Bethany -----	1919	17,200	12,000	569,000	33.08	47.42	Owens Valley -----	1922	53,990	None	471,500	8.73	-----
Camp Far West -----	1924	4,085	2,660	179,000	43.82	67.29	Palmdale -----	1918	4,756	4,200	222,500	46.78	52.98
Carmichael -----	1916	3,135	2,500	81,100	25.84	32.44	Palo Verde -----	1923	88,693	70,000	4,174,330	47.06	67.35
Carpenter -----	1927	1,328	1,200	192,000	144.58	160.00	Paradise -----	1916	10,920	9,500	476,000	43.59	50.11
Citrus Heights -----	1920	3,167	2,700	152,000	47.99	56.30	Potter Valley -----	1924	5,042	4,195	82,000	16.26	19.55
Compton-Delevan -----	1920	12,652	11,000	384,000	30.35	34.91	Princeton-Codora-Glenn -----	1916	13,523	12,000	156,500	11.57	13.04
Consolidated -----	1921	148,971	130,000	None	None	None	Provident -----	1918	22,805	20,000	957,000	41.96	47.85
Corcoran -----	1919	51,606	45,000	733,000	14.20	16.29	Ramona -----	1925	660	590	91,000	137.88	154.24
Cordua -----	1919	5,903	5,000	103,725	17.57	20.75	Richvale -----	1930	18,020	16,000	515,000	28.58	32.19
Deer Creek -----	1926	2,186	1,900	7,500	3.43	3.95	Riverdale -----	1920	15,830	14,000	None	None	None
East Contra Costa -----	1926	20,200	17,000	1,153,000	57.08	67.82	San Dieguito -----	1922	4,000	3,000	361,000	90.25	120.33
El Camino -----	1921	7,546	6,500	423,000	56.06	65.08	Santa Fe -----	1923	10,106	6,980	393,500	38.94	56.38
El Dorado -----	1925	30,702	19,900	688,000	22.41	34.57	San Ysidro -----	1911	528	450	20,500	38.83	45.56
El Nido -----	1929	9,330	7,400	120,000	12.86	16.22	Scott Valley -----	1917	5,131	4,500	67,000	13.06	14.89
Empire West Side -----	1931	6,460	5,500	None	None	None	Serrano -----	1927	1,497	1,320	192,000	128.26	145.45
Fair Oaks -----	1917	4,268	3,700	84,000	19.68	22.70	South Fork -----	1934	12,387	11,000	133,000	10.74	12.09
Fallbrook -----	1925	9,917	8,500	None	None	None	South Montebello -----	1922	827	740	62,500	75.57	84.46
Fresno -----	1920	241,300	210,000	None	None	None	South San Joaquin -----	1909	71,112	64,000	5,806,250	81.65	90.72
Glenn-Colusa -----	1920	122,383	110,000	1,248,454	10.20	11.35	Stinson -----	1921	9,421	8,500	360,000	38.21	42.35
Grenada -----	1921	2,200	1,800	136,000	61.82	75.56	Stratford -----	1916	12,946	12,000	None	None	None
Hollister -----	1923	24,453	21,000	None	None	None	Table Mountain -----	1922	1,955	1,700	187,000	95.65	110.00
Hot Spring Valley -----	1919	9,533	8,000	83,000	8.71	10.38	Terra Bella -----	1915	12,285	11,000	428,750	34.90	38.98
Imperial -----	1911	612,200	521,600	14,251,000	23.28	27.32	Thermalito -----	1922	3,149	2,700	320,000	101.62	118.52
Island No. 3 -----	1921	4,620	4,000	None	None	None	Tracy-Clover -----	1922	1,034	820	52,170	50.45	63.62
Jacinto -----	1917	11,732	10,500	155,287	13.24	14.79	Tranquillity -----	1918	10,750	9,000	231,000	21.49	25.67
James -----	1920	24,395	18,300	995,000	40.79	54.37	Tulare -----	1889	33,500	30,000	None	None	None
La Canada -----	1924	1,322	1,100	328,000	248.11	298.18	Tule -----	1920	15,000	10,000	806,000	53.73	80.60
Laguna -----	1920	34,858	30,000	None	None	None	Turlock -----	1887	181,556	162,000	5,931,040	32.67	36.61
Lakeland -----	1923	23,283	21,000	None	None	None	Vandalia -----	1923	1,275	1,200	172,200	135.06	143.50
Lakeside -----	1924	320	290	31,500	98.44	108.62	Vista -----	1923	18,387	14,600	1,700,000	92.46	116.44
LaMesa, L.G. and S.V. -----	1913	19,662	13,000	1,747,768	88.89	134.44	Walnut -----	1893	907	900	None	None	None
Linden -----	1929	13,700	12,000	None	None	None	Waterford -----	1913	14,110	11,400	631,925	44.79	55.43
Lindsay-Strathmore -----	1915	15,234	14,000	1,427,000	93.67	101.93	West Side -----	1915	11,820	11,000	510,500	43.19	46.41
Littlerock Creek -----	1892	3,073	2,600	360,000	117.15	138.46	West Stanislaus -----	1920	21,828	21,000	1,160,000	53.14	55.24
Lucerne -----	1925	33,407	30,000	None	None	None	Williams -----	1920	9,009	8,000	562,000	62.38	70.25
Madera -----	1920	173,000	160,000	None	None	None	Woodbridge -----	1924	14,290	14,000	270,000	18.89	19.29
Buena Vista Water Storage D. -----	1928	72,283	46,800	933,000	12.91	19.94	Totals -----		3,412,167	2,803,945	91,489,848		







